

CATALOG



CABLOFIL®
CABLE MANAGEMENT

2022
2023

designed to be better.™

 **legrand®**

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WIRE MESH TRAY

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WIRE MESH TRAY

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WIRE MESH TRAY

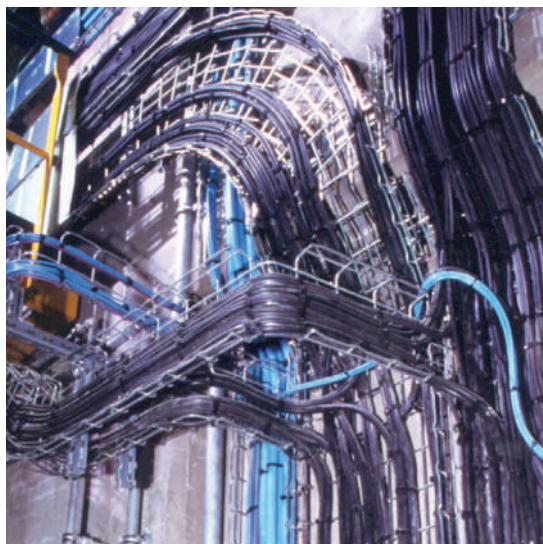
The Industry Leader

CABLOFIL, THE FIRST NAME IN CABLE MANAGEMENT

Over 35 years ago, Cablofil products were introduced to the European market. Since that time it has become the gold standard for cable management around the world. Its success is the result of on-going innovation and continued quality manufacturing practices that are being embraced by engineers and contractors alike. To date, more than 142,000 miles of Cablofil cable tray have been installed globally.

COMMITMENT TO THE NORTH AMERICAN MARKET

Fifteen years ago, Cablofil was one of the first cable management manufacturers to market in the US, Mexico and Canada. Since then, demand for Cablofil products expanded rapidly requiring the establishment of a 78,000 sq. ft. manufacturing facility in Mascoutah, Illinois in 2001. This is currently the largest plant of its kind in North America. With this commitment, we have emerged as the US leader in product innovation, quality control and timely delivery.



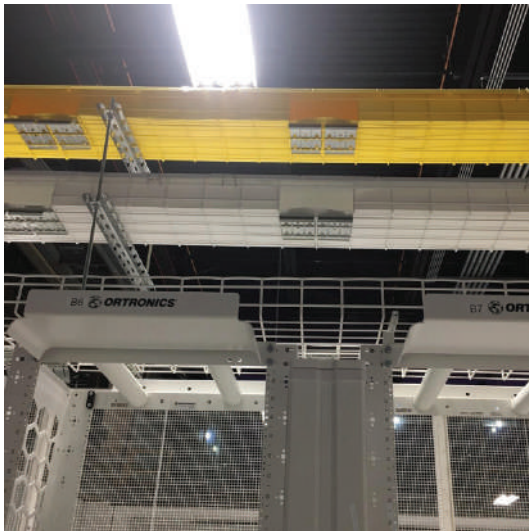
THE INNOVATION CONTINUES

Legrand's vision and leadership has moved the cable management market forward with innovative ideas and product enhancements. And as the market changes, so do we. Each product within the Cablofil product line is constantly evaluated for improving cable pathway construction and to reduce installation times. We are constantly developing new products to embrace new cabling types and methods. Look to Legrand, the industry leader in cable management.

WIRE MESH TRAY

Engineered Solutions for Specific Applications

Cablofil products from Legrand are the right choice for cable management in all types of construction. Look to the leader for specially engineered products that reduce installation time and create cost-effective installations. For specific installation ideas and downloadable drawings, go to our online Best Practices web site at: www.legrand.us/cablofil/tools.



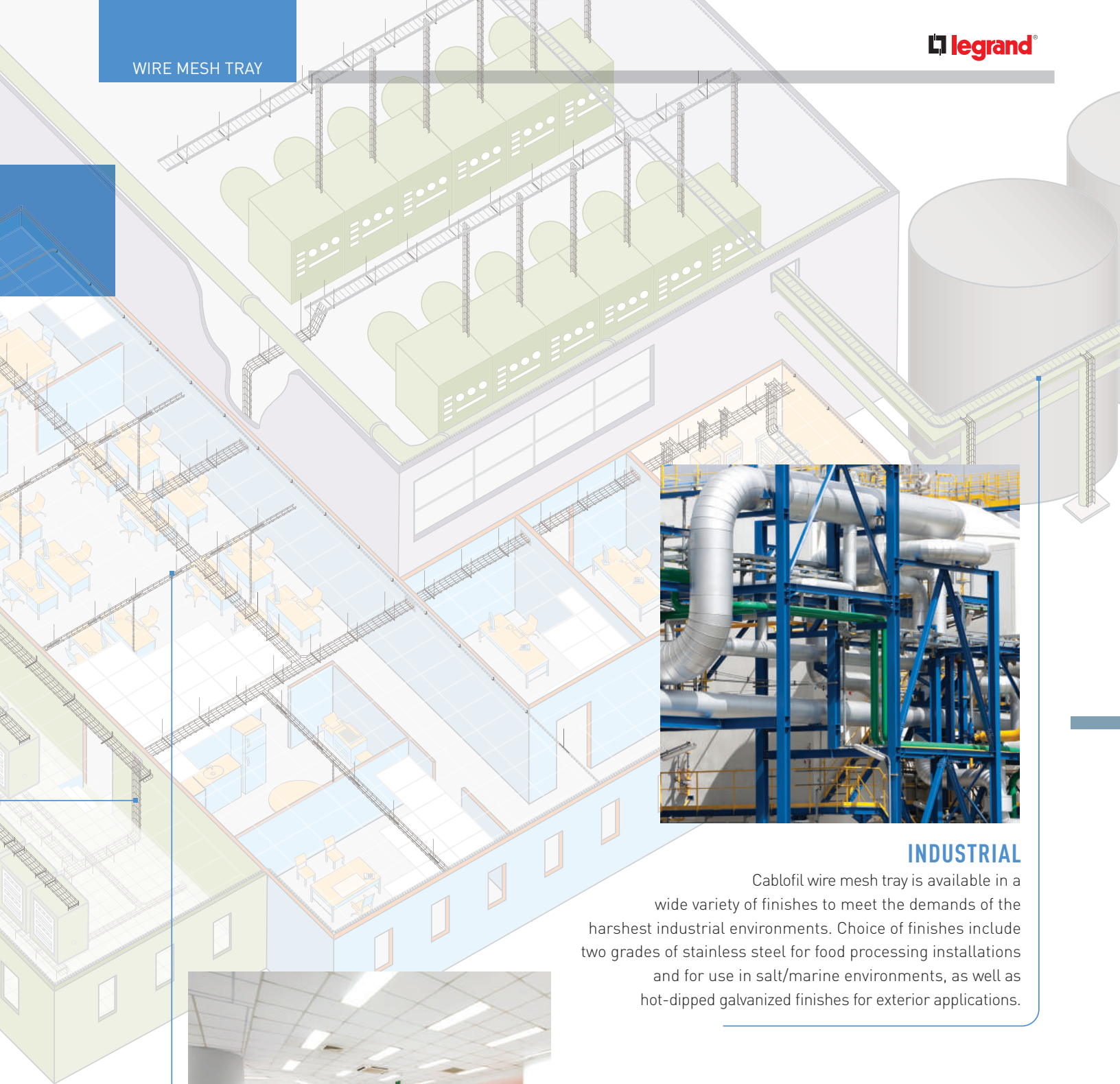
DATA CENTER

Wire mesh cable management is especially suited for tight spaces usually associated with communication closet installations. All cable pathway turns, bends, and changes in elevation can be fabricated on-site with simple tools to speed installation time.

FIBER OPTIC

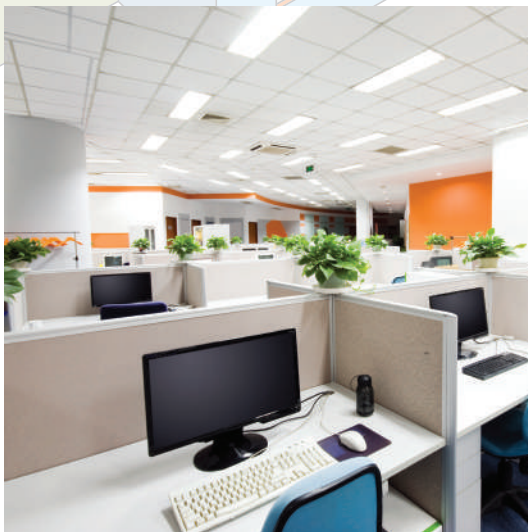
Fiber optic installations require smooth cable pathways for reliable and uninterrupted signal quality. The Cablofil product line includes specialized accessories suited for fiber optic cabling installations including rounded corners, drop outs, tray intersection crossovers and custom painted tray.





INDUSTRIAL

Cablofil wire mesh tray is available in a wide variety of finishes to meet the demands of the harshest industrial environments. Choice of finishes include two grades of stainless steel for food processing installations and for use in salt/marine environments, as well as hot-dipped galvanized finishes for exterior applications.



COMMERCIAL

The Cablofil product line from Legrand is as good-looking as it is tough. All components are available in Black or Custom Color power-coated finishes for exposed installations in offices and public buildings, or in a cost-effective electrozinc finish for use above suspended ceilings.

WIRE MESH TRAY

Finishes and Product Features

Cablofil wire mesh trays and accessories are available in a variety of finishes to meet any industry need, from decorative to extreme environments. Use this chart to help you determine the best finish for your application and its availability.

SYMBOL	MATERIAL	FINISH & STANDARD	INTERIOR INSTALLATIONS	EXTERIOR INSTALLATIONS	PETROLEUM PLANTS CHEMICAL PLANTS	MARINE/SALT, WEAK SULPHUROUS ENVIRONMENTS	ACIDIC, ALKALINE ENVIRONMENTS	FOOD PRODUCTION, WASH-DOWN, CLEAN ROOMS	HALOGEN ENVIRONMENTS
PG	Carbon Steel ASTM A653	Pre-Galvanized: Continuous Galvanization Before Fabrication ASTM A 653	●						
EZ	Carbon Steel ASTM A510 Grade 1008	Electrozinc: Electrozinc plating ASTM B 633	●						
GC	Carbon Steel ASTM A510 Grade 1008	Hot Dipped Galvanized: After Fabrication ASTM A 123		●	●	●	●		
DC	Carbon Steel ASTM A510 Grade 1008	Geomet: Zinc and Aluminum Protection Equivalent to Hot Dip Galvanization ASTM F 1136		●	●	●	●		
304L	Stainless Steel AISI Type 304L	Stainless Steel 304L: Cleaned and Passivated ASTM A 380		●	●	●	●	●	●
316L	Stainless Steel AISI Type 316L	Stainless Steel 316L: Cleaned and Passivated ASTM A 380		●	●	●	●	●	●
BL	Carbon Steel ASTM A510 Grade 1008	Black Painted: Black Powder Coated ASTM D 3451	●						
PE	Carbon Steel ASTM A510 Grade 1008	Custom Painted: Custom Color Powder Coated ASTM D 3451	●						

For a more detailed explanation of finish standards and compatibility, visit www.legrand.us/cablofil.

● Recommended ● Possible

CABLOFIL PRODUCT CODE

Our part number makes it easy to identify part type, size and finish. Please use this code whenever ordering or specifying any Cablofil product.

FOR TRAY			
TYPE OF TRAY	DEPTH IN MM	WIDTH IN MM	FINISH CODE
CF	54	100	EZ

FOR SUPPORT AND OTHER PRODUCTS		
PRODUCT CODE	SIZE IN MM	FINISH CODE
FASC	300	PG

Galvanic Corrosion

Galvanic corrosion is the result of an electrochemical phenomenon due to the potential difference between different metals, or between a metal and the impurities it contains, when they are in electrical contact. Be aware of this phenomenon when selecting supports, splices and accessories. The results listed below are based on laboratory conditions and testing. However, in actual installations other conditions need to be considered to determine if significant galvanic reactions will occur.

RECOMMENDED ACCESSORIES COMPATIBILITY

CABLE TRAY	ACCESSORIES
PG / EZ	PG / EZ
GC	GC / DC
304L / 316L	316L

RECOMMENDED FOR HARDWARE FINISH CABLE TRAY

TRAY MATERIAL & FINISH	HARDWARE FINISH			
	ZINC-PLATED	GEOMET	GC	316L
Steel/EZ (Electrozinc)	●	●	●	●
Steel/GC (HDGAF)		●	●	●
Steel/BL (Painted)	●	●	●	●
Steel/PE (Painted)	●	●	●	●
Stainless-steel 304 (Passive)		●	●	●
Stainless-steel 316 (Passive)		●	●	●
Aluminum	●	●		●

● Recommended ● Possible

SYMBOLS LEGEND

Use these symbols to guide you through our catalog of innovative cable management products.



MOUNTING SYMBOLS LEGEND



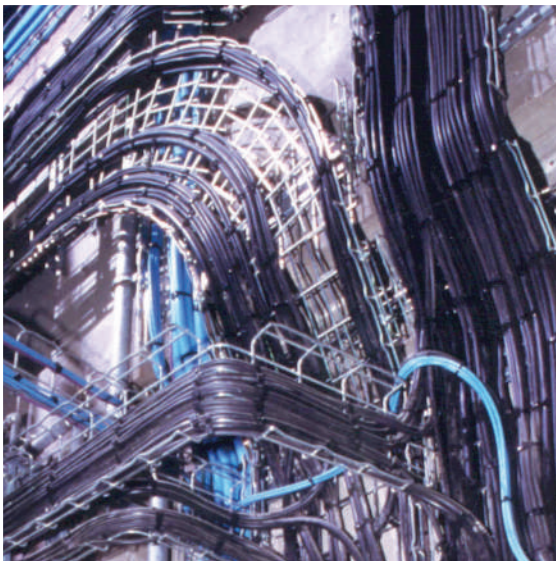
WIRE MESH TRAY

Quick Reference Load Table

Use this handy load guide to determine the capacity of your cable pathway. Always plan for extra space in cable pathways during the initial installation to allow capacity for future cable additions. For information on other cable sizes, go to www.legrand.us/cablofil/tools and use our online load calculator.

LOAD TABLE

TRAY	FILL AREA (sq. in.)	LOADS IN LBS/FT PER SPAN			
		5	6	7	8
CF54/50(2x2)	4.03	32.0	15.1	11.1	9.1
CF54/100(2x4)	8.06	39.4	22.3	16.4	15.9
CF54/150(2x6)	12.09	46.5	27.6	20.3	19.1
CF54/200(2x8)	16.12	54.2	36.4	26.7	24.7
CF54/300(2x12)	24.18	71.6	47.1	34.6	31.7
CF54/450(2x18)	36.27	134.9	91.0	66.8	60.3
CF54/500(2x20)	40.30	119.4	95.4	70.1	62.8
CF54/600(2x24)	48.36	119.4	95.4	70.1	62.8
CF105/100(4x4)	15.97	68.3	46.4	34.1	30.5
CF105/150(4x6)	23.95	98.4	60.2	44.3	40.9
CF105/200(4x8)	31.93	109.4	76.2	56.0	51.9
CF105/300(4x12)	47.90	142.0	126.8	93.1	89.2
CF105/450(4x18)	71.84	151.0	129.9	95.4	88.7
CF105/500(4x20)	79.83	151.0	129.9	95.4	88.7
CF105/600(4x24)	95.79	151.0	129.9	95.4	88.7
CF150/150(6x6)	34.41	127.5	123.0	90.4	89.1
CF150/200(6x8)	45.88	127.5	123.0	90.4	89.1
CF150/300(6x12)	68.82	175.9	155.0	113.9	98.3
CF150/450(6x18)	103.23	175.9	155.0	113.9	98.3
CF150/500(6x20)	114.70	228.5	165.0	121.7	91.3
CF150/600(6x24)	137.64	228.5	165.7	121.7	91.3
ZF150/900(6x36)	206.49	228.5	165.7	121.7	91.3



DATA CABLE FILL TABLE

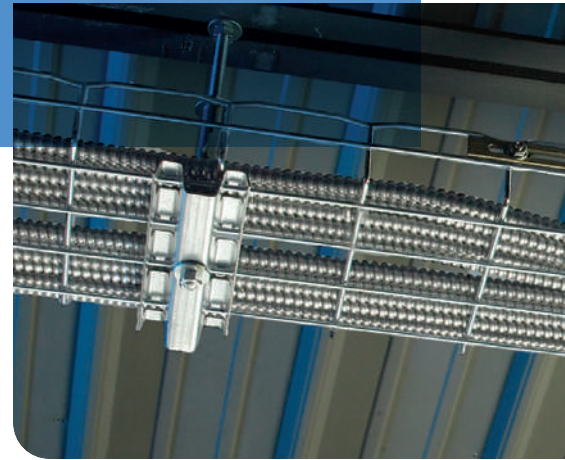
MC POWER CABLE FILL TABLE

TRAY	MAX NUMBERS OF CABLES PER NEC CODE 392.22 (A)(2)				MAX NUMBERS OF CABLES PER NEC CODE 392.22 (A)(2)			
	Cat 5e 4-pr Plenum (.17")	Cat 5e 4-pr Non-Plenum (.19")	Cat 6e 4-pr Plenum (.22")	Cat 6a 4-pr Plenum (.35")	2C (12 AWG) THHN TypeMC AlumArmor	3C (12 AWG) THHN TypeMC AlumArmor	3C (AWG 4/0) THHN TypeMC AlumArmor	3C (500 kcmil) THHN TypeMC AlumArmor
CF54/50(2x2)	88 cbles	71 cbles	53 cbles	20 cbles	11 cbles	10 cbles	—	—
CF54/100(2x4)	177 cbles	142 cbles	106 cbles	41 cbles	23 cbles	21 cbles	2 cbles	1 cbl
CF54/150(2x6)	266 cbles	213 cbles	159 cbles	62 cbles	35 cbles	31 cbles	3 cbles	2 cbles
CF54/200(2x8)	355 cbles	284 cbles	212 cbles	83 cbles	47 cbles	42 cbles	5 cbles	3 cbles
CF54/300(2x12)	532 cbles	426 cbles	318 cbles	125 cbles	71 cbles	63 cbles	7 cbles	5 cbles
CF54/450(2x18)	798 cbles	639 cbles	477 cbles	188 cbles	107 cbles	94 cbles	11 cbles	7 cbles
CF54/500(2x20)	887 cbles	710 cbles	530 cbles	209 cbles	119 cbles	105 cbles	12 cbles	8 cbles
CF54/600(2x24)	1065 cbles	852 cbles	636 cbles	251 cbles	143 cbles	126 cbles	15 cbles	10 cbles
CF105/100(4x4)	351 cbles	281 cbles	209 cbles	82 cbles	23 cbles	21 cbles	2 cbles	1 cbl
CF105/150(4x6)	527 cbles	422 cbles	314 cbles	124 cbles	35 cbles	31 cbles	3 cbles	2 cbles
CF105/200(4x8)	703 cbles	563 cbles	419 cbles	165 cbles	47 cbles	42 cbles	5 cbles	3 cbles
CF105/300(4x12)	1055 cbles	844 cbles	629 cbles	248 cbles	71 cbles	63 cbles	7 cbles	5 cbles
CF105/450(4x18)	1582 cbles	1266 cbles	944 cbles	373 cbles	107 cbles	94 cbles	11 cbles	7 cbles
CF105/500(4x20)	1758 cbles	1407 cbles	1049 cbles	414 cbles	119 cbles	105 cbles	12 cbles	8 cbles
CF105/600(4x24)	2110 cbles	1689 cbles	1259 cbles	497 cbles	143 cbles	126 cbles	15 cbles	10 cbles
CF150/150(6x6)	788 cbles	631 cbles	469 cbles	186 cbles	23 cbles	21 cbles	3 cbles	2 cbles
CF150/200(6x8)	1010 cbles	809 cbles	603 cbles	238 cbles	47 cbles	42 cbles	5 cbles	3 cbles
CF150/300(6x12)	1515 cbles	1213 cbles	905 cbles	357 cbles	71 cbles	63 cbles	7 cbles	5 cbles
CF150/450(6x18)	2273 cbles	1820 cbles	1357 cbles	536 cbles	107 cbles	94 cbles	11 cbles	7 cbles
CF150/500(6x20)	2526 cbles	2022 cbles	1508 cbles	596 cbles	119 cbles	105 cbles	12 cbles	8 cbles
CF150/600(6x24)	3031 cbles	2427 cbles	1810 cbles	715 cbles	143 cbles	126 cbles	15 cbles	10 cbles

WIRE MESH TRAY

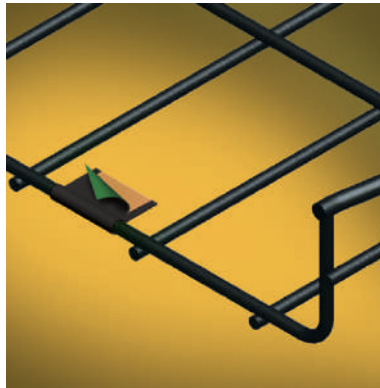
Designed to be Better

Our wire mesh tray is constructed of precision engineered, high quality, welded steel wire and is the result of decades of research gained from the installation of 125,000 miles of tray across the globe. Our tray is subjected to testing at every stage of the manufacturing process. In actual use, it has performed in a wide variety of applications from heavy power cable pathways on oil drilling platforms in the North Sea, to data installation above the ceiling in modern office buildings.



SAFE-T-EDGE

Our unique Safe-T-Edge design involves "T" welding the lateral wires to the bottom edge of the top wires, which eliminates sharp edges and creates a smooth cable pathway that's safe for cables and installers. This is most important when adding or changing cables in your cable pathway.



UL CLASSIFIED PAINTED WIRE CABLE TRAY

Our UL Classified painted wire tray meets NEC392 from the National Electric Code that states, "all cable tray systems must be properly BONDED, per 250.96". It is also UL Classified as an EGC (Equipment Grounding Conductor). Installation requires a SWK splice on adjoining tray bottoms that features a copper strip.



PATENTED OPTIMIZED WIRE DESIGN

The diameter of key wire in Cablofil wire mesh tray is optimized to the exact diameter necessary, enabling the tray to support the greatest working load. While other manufacturers advocate larger wire sizes for greater strength, Legrand reviews product performance using best-tested method for in-field use. This optimized wire design is patented in the US and around the world.

CERTIFICATIONS

Cablofil products from Legrand have been independently evaluated by UL, CSA, ABS, DNV, ETL, and VDE to meet applicable standards and requirements. Our products hold UL Classification to NEC requirements, cCSAus certification to NEMA & CSA requirements, ABS Product Design Assessment certification, and E90 certification. Our products also meet the standards requirements of IEC, EIA-TIA, and BICSI. For more information on Cablofil certifications, please visit www.legrand.us/cablofil.

MEMBERSHIPS:

NEMA, CTI, EIA-TIA, NFPA, IEC, BICSI

REGISTERED TO
ISO 9001:2000





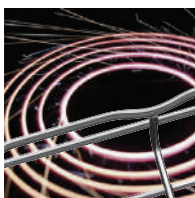
LOAD TESTING

Our wire mesh tray has been engineered and tested per NEMA VE1 to support loads that exceed its fill capacity. For exact data on load capacity, testing methods and support placement, please visit www.legrand.us/cablofil.



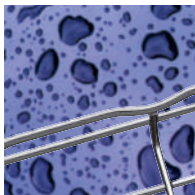
RESISTANCE TO FIRE

Wire mesh tray from Legrand is certified E-30 to E-90. This German standard is the only certification of its kind in the world and requires that the tray and its supports withstand 1000° C or 1832° F heat for a period of 90 minutes. This is an important safety consideration when planning fire exit routes from a burning building.



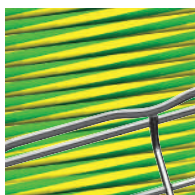
EXCELLENT EMC

Testing by independent laboratories show that Cablofil products from Legrand, when installed and earthed correctly, significantly reduces electromagnetic disturbances. The steel structure of the tray absorbs EMI and drains the disturbance away from cables causing minimal effect to the connected equipment. Cable pathways constructed of aluminum alloys or plastics have no effect on EMI reduction.



ELECTRICAL CONTINUITY

Our wide range of splices and splicing methods are tested and comply with CSA, IEC, NEC, NEMA and UL requirements for low resistance. Excellent electrical continuity and grounding is essential for safe installations and reduces shock hazards.



STEEL GRADE QUALITY

Our tray is constructed of precision engineered, high quality steel wire and is ISO 9000 certified. And all materials and finished products are subjected to rigorous quality control at every stage of the manufacturing processes.

CF 54 **A.10**
2" DEEP CABLOFIL
CABLE TRAY

CF 105 **A.10**
4" DEEP CABLOFIL
CABLE TRAY

CF 150 / ZF 150 **A.11**
6" DEEP CABLOFIL
CABLE TRAY

PAINTED WIRE CABLE TRAY **A.11**
UL CLASSIFIED

CFG **A.12**
2" DEEP CABLOFIL
G-TRAY AND G-MINI

TXF 35 **A.13**
1" DEEP TELEX RAIL

CTXF 35 **A.13**
TELEX RAIL COVER

UC 35 **A.13**
TELEX RAIL
STANDOFF SUPPORT

CVN **A.14**
CABLOFIL COVER

CLIP F02 **A.14**
COVER CLIP

COTFIL50/COTFIL100 **A.14**
SNAP-IN WIRE DIVIDERS

COT 54 **A.15**
DIVIDER STRIP

COT 105/COT 150 **A.15**
DIVIDER STRIP

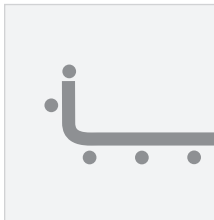
COT F **A.15**
FLEXIBLE DIVIDER

CF54

2 INCH DEEP CABLOFIL CABLE TRAY



- EZ, GC and BL finishes are UL classified.



Cablofil's Optimized Wire Size, Tray Patent Number – 6.138.961

	HEIGHT		WIDTH		LENGTH		WEIGHT		FINISH / AVAILABILITY					ORDER EXAMPLE
	IN	MM	IN	MM	FT	M	LBS	KG	EZ	GC	304L	316L	BL	
CF54/50	2.0	54	2.0	50	10.0	3	5.3	2.4	S	S	S	S	M	CF54/50EZ
CF54/100	2.0	54	4.0	100	10.0	3	6.5	3.0	S	S	S	M	M	
CF54/150	2.0	54	6.0	150	10.0	3	7.8	3.5	S	S	S	S	M	
CF54/200	2.0	54	8.0	200	10.0	3	9.0	4.1	S	S	S	M	M	
CF54/300	2.0	54	12.0	300	10.0	3	13.4	6.1	S	S	S	S	S	
CF54/450	2.0	54	18.0	450	10.0	3	22.8	10.3	S	M	S	M	S	
CF54/500	2.0	54	20.0	500	10.0	3	25.9	11.7	S	M	S	M	M	
CF54/600	2.0	54	24.0	600	10.0	3	27.5	12.5	S	M	S	S	M	

S - NORMALLY STOCKED M - MADE TO ORDER

CF105

4 INCH DEEP CABLOFIL CABLE TRAY



- EZ, GC and BL finishes are UL classified.



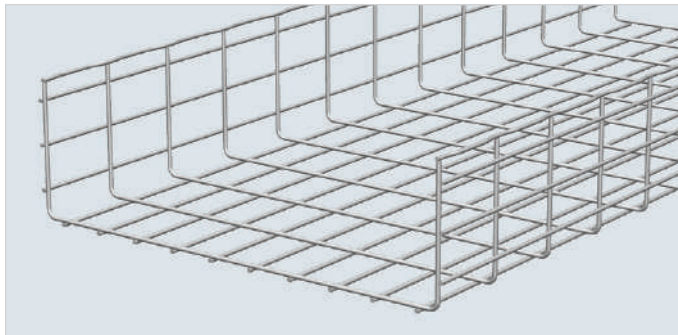
Cablofil's Optimized Wire Size, Tray Patent Number – 6.138.961

	HEIGHT		WIDTH		LENGTH		WEIGHT		FINISH / AVAILABILITY					ORDER EXAMPLE
	IN	MM	IN	MM	FT	M	LBS	KG	EZ	GC	304L	316L	BL	
CF105/100	4.0	105	4.0	100	10.0	3	9.0	4.1	S	S	S	M	M	CF105/100EZ
CF105/150	4.0	105	6.0	150	10.0	3	10.2	4.6	S	S	S	M	M	
CF105/200	4.0	105	8.0	200	10.0	3	13.4	6.1	S	S	M	M	M	
CF105/300	4.0	105	12.0	300	10.0	3	21.2	9.6	S	S	S	M	S	
CF105/450	4.0	105	18.0	450	10.0	3	25.9	11.8	S	S	N/A	N/A	S	
CF105/500	4.0	105	20.0	500	10.0	3	27.5	12.5	S	M	M	M	M	
CF105/600	4.0	105	24.0	600	10.0	3	30.4	13.8	S	S	M	M	S	

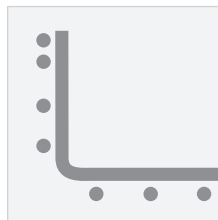
S - NORMALLY STOCKED M - MADE TO ORDER

CF150 / ZF150

6 INCH DEEP CABLOFIL CABLE TRAY



- EZ, GC and BL finishes are UL classified.



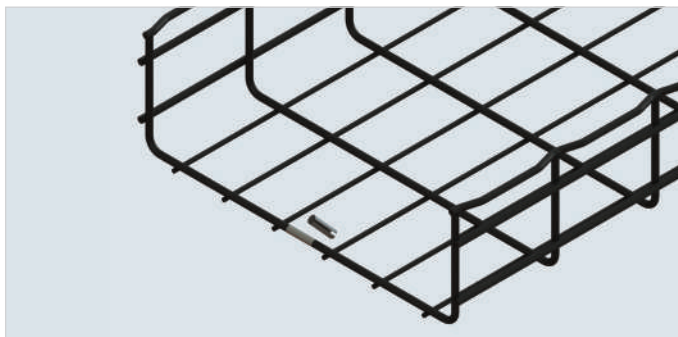
	HEIGHT		WIDTH		LENGTH		WEIGHT		FINISH / AVAILABILITY					ORDER EXAMPLE
	IN	MM	IN	MM	FT	M	LBS	KG	EZ	GC	304L	316L	BL	
CF150/150	6.0	150	6.0	150	10.0	3	18.9	8.6	S	M	M	M	M	CF150/150EZ
CF150/200	6.0	150	8.0	200	10.0	3	21.8	9.9	M	M	M	M	M	
CF150/300	6.0	150	12.0	300	10.0	3	24.4	11.0	S	M	M	S	M	
CF150/450	6.0	150	18.0	450	10.0	3	26.5	12.0	S	M	N/A	N/A	M	
CF150/500	6.0	150	20.0	500	10.0	3	27.8	12.6	S	M	N/A	M	M	
CF150/600	6.0	150	24.0	600	10.0	3	36.4	16.5	S	M	N/A	N/A	M	
ZF150/900*	6.0	150	36.0	900	10.0	3	34.6	15.7	S	N/A	N/A	N/A	M	

*Products listed as "ZF" are only available in Straight Edge Tray.

S - NORMALLY STOCKED M - MADE TO ORDER

PAINTED WIRE CABLE TRAY

UL CLASSIFIED - ALL PAINTED



- Industry's only UL-Classified painted wire cable tray per NEC 392.
- Standard on all Cablofil BL, PE or WH.

Directions for use:

- Remove outer mask of folded copper strip (that has been painted over) at the end of each section tray.
- Splice tray section with SWK splice (page A.17) on copper strip of adjoining trays to maintain proper bonding.

Patent Number - 8.253.022

CORRECT PRODUCT CODE USAGE

Product code identifies part type and size.
Do not include spaces between letters or numbers

Each product code must include a finish code.

Global product reference code is located in the index

WIRE MESH NUMBERING EXAMPLE:

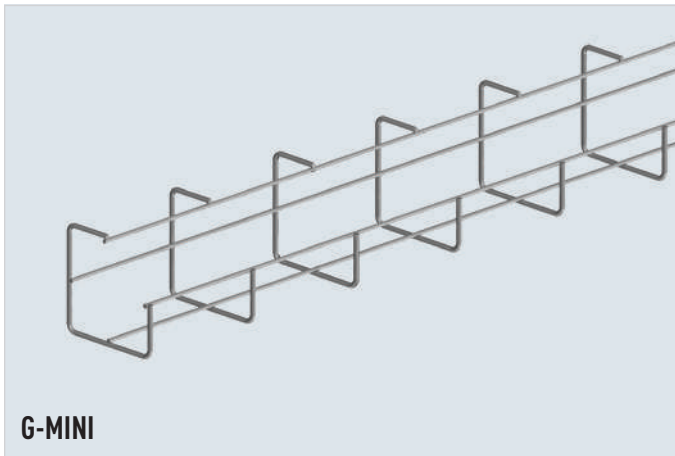
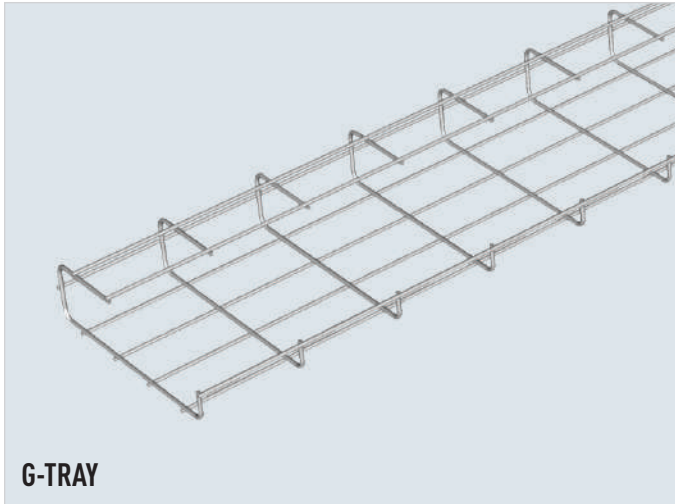
CF150/150EZ → FINISH CODE

PRODUCT CODE
This identifies part type and size.

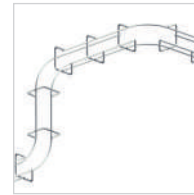
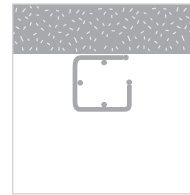
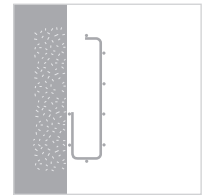
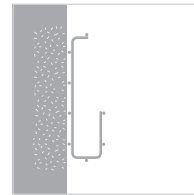
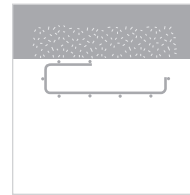
EZ	Electro zinc
PG	Pre-Galvanized
GC	Hot Dipped Galvanized
304L	Stainless Steel 304L
316L	Stainless Steel 316L
BL	Black Painted
PE	Custom Painted
WH	White Painted

Not all finishes available for every product.
Refer to product chart for detailed availability.

CFG 2 INCH DEEP CABLOFIL G-TRAY AND G-MINI



- Unique curved top allows for direct attachment to machinery, ceilings or walls.
- Use CE40 for CFG support attachment.
- Use CE25 for G-Mini support attachment.
- 3" overhang on G-Tray allows for direct-mounting in many configurations.
- Unique crosswire design easily bends and lies flat when mounting.
- G-Mini is a simple and secure routing for small cable runs.
- Use SWK (page A.17) for splicing.



	HEIGHT		WIDTH		LENGTH		WEIGHT		FINISH / AVAILABILITY				ORDER EXAMPLE
	IN	MM	IN	MM	FT	M	LBS	KG	EZ	GC	316L	BL	
CFG 50/100	2.0	50	4.0	100	10.0	3	7.0	3.2	S	M	M	M	CFG 50/100EZ
CFG 50/150	2.0	50	6.0	150	10.0	3	10.3	4.7	M	M	M	M	
CFG 50/200	2.0	50	8.0	200	10.0	3	10.3	4.7	M	M	M	M	
G-MINI	2.0	50	2.0	50	10.0	3	8.8	4.0	S	M	M	N/A	

S - NORMALLY STOCKED M - MADE TO ORDER

WIRE MESH NUMBERING EXAMPLE:

CFG50/100EZ → FINISH CODE

PRODUCT CODE

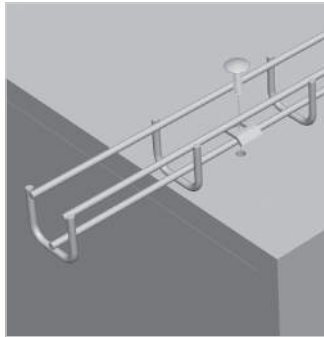
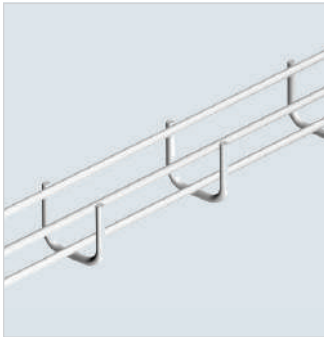
This identifies part type and size.

EZ	Electro zinc
PG	Pre-Galvanized
GC	Hot Dipped Galvanized
304L	Stainless Steel 304L
316L	Stainless Steel 316L
BL	Black Painted
PE	Custom Painted
WH	White Painted

Not all finishes available for every product.
Refer to product chart for detailed availability.

TXF 35

1 INCH DEEP TELEX RAIL



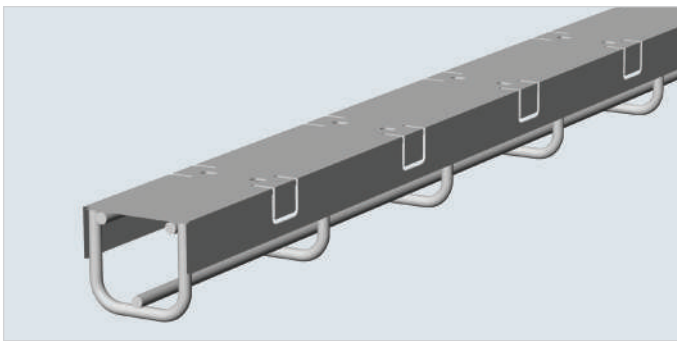
- Unique wire arrangement allows tray to lay flat on cabinets or machinery without rocking.
- Use in applications where small runs of cable are needed.
- Use SWK splice hardware. (page A.17)

	HEIGHT		WIDTH		LENGTH		WEIGHT		FINISH / AVAILABILITY				ORDER EXAMPLE
	IN	MM	IN	MM	FT	M	LBS	KG	EZ	GC	316L	BL	
TXF 35	1.0	35	1.0	35	10.0	3	3.3	1.5	S	M	M	M	TXF 35EZ

S - NORMALLY STOCKED M - MADE TO ORDER

CTXF 35

TELEX RAIL COVER



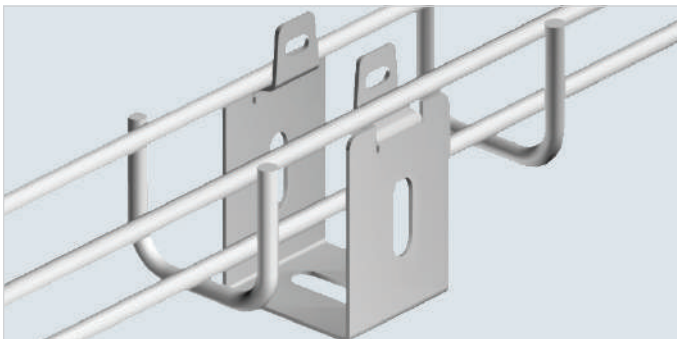
- Cover eliminates dirt and dust build-up on cable.
- Field fabricates on-site to fit changes in levels.
- Provides physical protection for cables.
- Use built-in tabs for permanent attachment to tray.

	WIDTH		LENGTH		WEIGHT		PG	FINISH / AVAILABILITY			ORDER EXAMPLE
	IN	MM	FT	M	LBS	KG		GC	316L	BL	
CTXF 35	1.0	35	10.0	3	2.7	1.2	M	M	M	M	CTXF 35EZ

S - NORMALLY STOCKED M - MADE TO ORDER

UC 35

TELEX RAIL STANDOFF SUPPORT

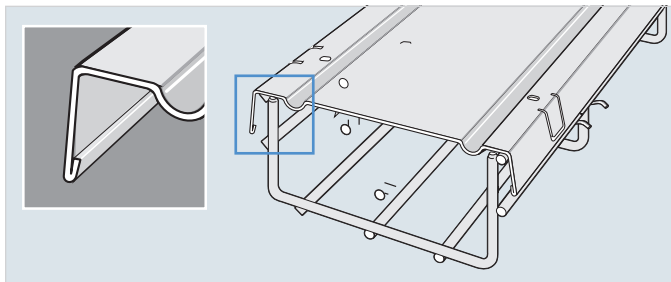


- Specially designed to attach Telex rail to cabinet tops and channel framing.
- Fold over tabs secure tray without nuts and bolts. Just snap tray in place.

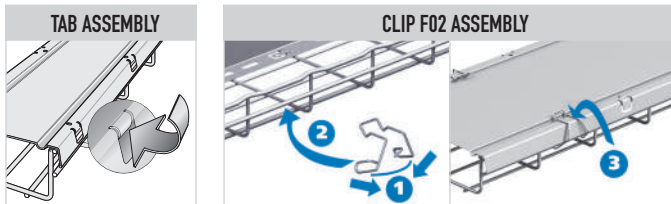
	WIDTH		WEIGHT		PG	FINISH / AVAILABILITY			ORDER EXAMPLE
	IN	MM	LBS	KG		GC	316L	BL	
UC 35	1.5	40	1.1	0.5	M	M	M	M	UC 35EZ

S - NORMALLY STOCKED M - MADE TO ORDER

CVN CABLOFIL COVER



- Cover eliminates dirt and dust build-up on cable.
- Field fabricate on-site to fit changes in levels.
- Use built-in tabs for permanent attachment to tray.
- 3 – 3.3' covers are included in each package to cover 1-10' section of Cablofil tray.
- Use CLIP F02 for installations where cover (CVN) is removed frequently.

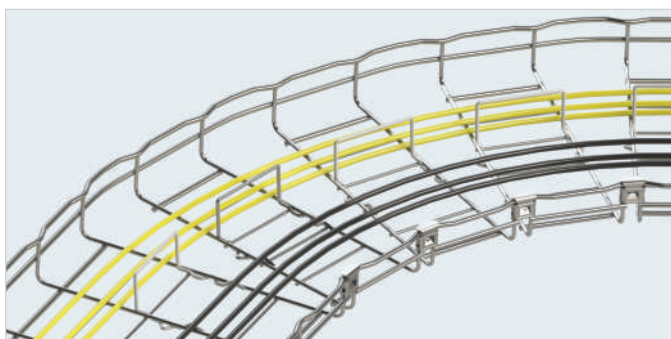


	WIDTH		LENGTH		WEIGHT		PG	FINISH / AVAILABILITY			ORDER EXAMPLE
	IN	MM	FT	M	LBS	KG		GC	316L	BL	
CVN 50	2.0	71	3.3	1	2.6	1.2	S	S	M	M	CVN 50PG
CVN 100	4.0	121	3.3	1	4.6	2.1	S	S	M	M	
CVN 150	6.0	171	3.3	1	7.3	3.3	S	S	M	M	
CVN 200	8.0	221	3.3	1	9.3	4.2	S	S	M	M	
CVN 300	12.0	322	3.3	1	13.2	6.0	S	S	M	M	
CVN 450	18.0	475	3.3	1	22.5	10.2	M	S	N/A	M	
CVN 500	20.0	525	3.3	1	28.4	12.9	M	M	M	M	
CVN 600	24.0	625	3.3	1	33.1	15.0	M	S	M	M	

S - NORMALLY STOCKED M - MADE TO ORDER

	PKG. QTY	WEIGHT		PG	FINISH / AVAILABILITY			ORDER EXAMPLE
		LBS	KG		GC	316L	BL	
CLIP F02	25	2.2	1.0	S	M	M	M	CLIP F02PG

COTFIL50/COTFIL100 SNAP-IN WIRE DIVIDERS

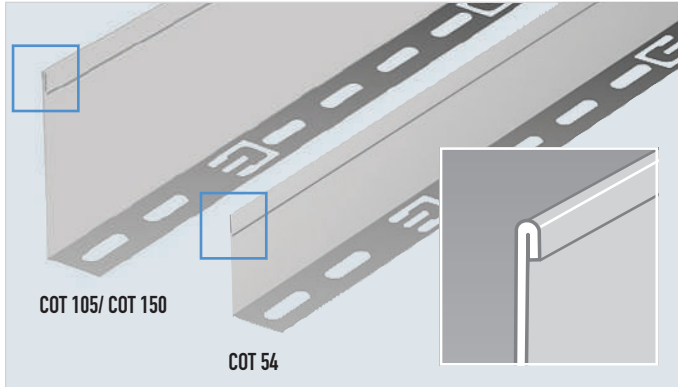


- Keeps different cabling types separated in a single pathway
- Mount on straight sections, tees, crosses, junctions and sweeps
- Specific sizes available for CF54 and CF105 series Cablofil Cable Management
- Snaps-in, requiring no additional hardware
- Patented
- Fits cable tray 6" or greater in width

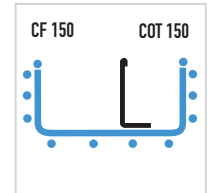
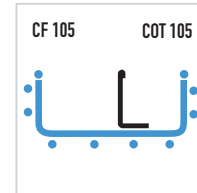
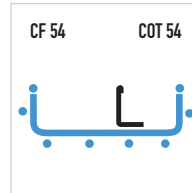


	PKG. QTY	SIZE		WEIGHT		FINISH / AVAILABILITY			ORDER EXAMPLE
		IN	MM	LBS	KG	EZ	304L	BL	
COTFIL50	1	2	50	0.91	.412	M	M	N/A	COTFIL50EZ
COTFIL100	1	4	100	1.04	.471	S	M	M	

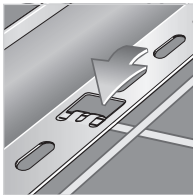
COT DIVIDER STRIP



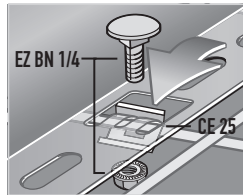
- For cable separation within a single tray.
- Field fabricate with tin snips for changes in levels.
- COT 54/COT 105 Attach to tray with fold-over tabs or with EZ BN 1/4 and CE 25 (sold separately – see pg. A.55).
- COT 150 Requires EZ BN 1/4 and CE 25 to attach to tray (included).
- COT 150 does not have tabs.
- COT J improves electrical continuity and strengthens dividers.
- COT J can be removed with a screwdriver and is reusable.



COT 54/COT 105 MOUNTING



COT 150 MOUNTING



COT J

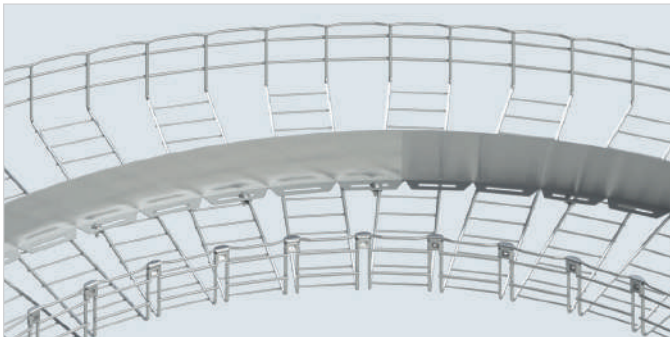


	HEIGHT		LENGTH		WEIGHT		PG	FINISH / AVAILABILITY			ORDER EXAMPLE
	IN	MM	FT	M	LBS	KG		GC	316L	BL	
COT 54	2.0	54	10	3	2.8	1.3	S	S	M	S	COT 54PG
COT 105 KIT	4.0	105	10	3	4.7	2.1	S	S	M	S	
COT 150 KIT	6.0	150	10	3	6.6	3.0	S	S	M	M	

S - NORMALLY STOCKED M - MADE TO ORDER

	PKG. QTY	WEIGHT		FINISH / AVAILABILITY		ORDER EXAMPLE
		LBS	KG	PG	316L	
COT J	25	0.026	0.012	S	M	COT JPG

COT F FLEXIBLE DIVIDER



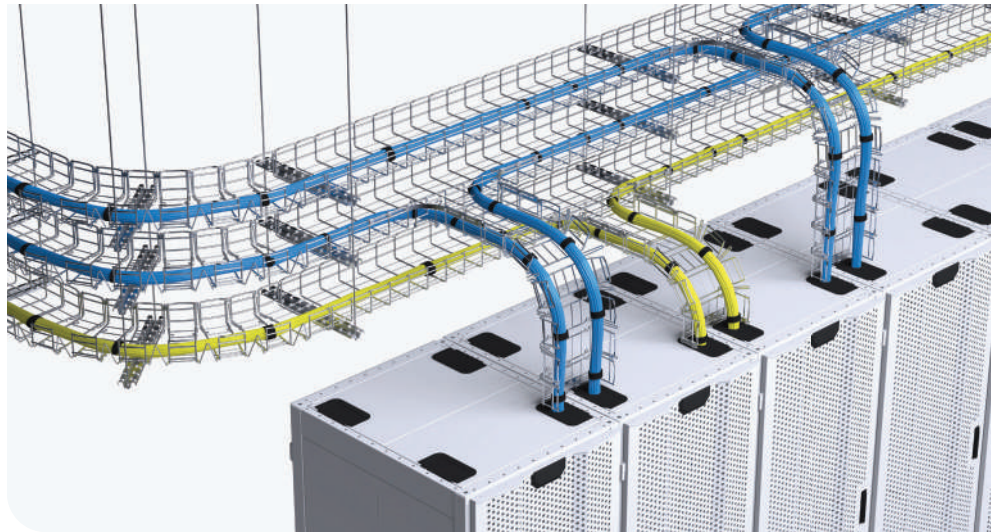
- Separates cables on sweeps and bends.
- Allows for installation of power cables and data cables within the same pathway.
- Attaches to Cablofil tray using four sets of EZ BN 1/4 and CE 25. (Included)

	HEIGHT		LENGTH		WEIGHT		PG	FINISH / AVAILABILITY			ORDER EXAMPLE
	IN	MM	FT	M	LBS	KG		GC	316L	BL	
COTF54 KIT	2.0	54	6.0	2	1.07	0.49	S	M	M	M	COTF54 KITPG
COTF105 KIT	4.0	105	6.0	2	2.14	0.97	S	M	M	M	
COTF150 KIT	6.0	150	6.0	2	3.21	1.46	S	M	M	M	

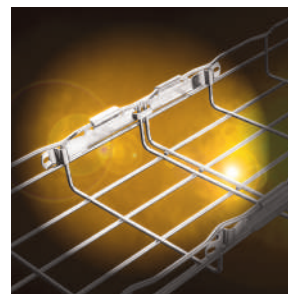
S - NORMALLY STOCKED M - MADE TO ORDER

BENDS & SPLICING

- A.17 CABLOBEND**
FLEX WIRE MESH TRAY
- A.18 EDRN / EDRNTOOL**
FAST SPLICE
- A.18 SWK**
SPLICE WASHER KIT
- A.19 EZT 90 KIT**
90° AND TEE BEND KIT
- A.20 EAC KIT**
ELEVATION CHANGE HINGE
- A.20 ED 275**
UNIVERSAL SPLICE BAR
- A.21 RADT 90 KIT**
5" RADIUS TEE 90° KIT
- A.21 RADT 90 12 KIT**
12" RADIUS TEE 90° KIT
- A.22 CE 35**
CLAMPING WASHER
- A.22 CE 40**
SQUARE SPLICE WASHER
- A.23 EXPANKIT**
EXPANSION KIT
- A.23 EDRSKIT**
TRAY REDUCTION KIT



The Cablofil product line includes a splice for every need. Our EDRN is the fastest splice we offer saving up to half the installation time compared to bolted connections. For more information on splicing options, please go to www.legrand.us/cablofil.



CORRECT PRODUCT CODE USAGE

Product code identifies part type and size.
Do not include spaces between letters or numbers

Each product code must include a finish code.

Global product reference code is located in the index

WIRE MESH NUMBERING EXAMPLE:

EDRNEZ

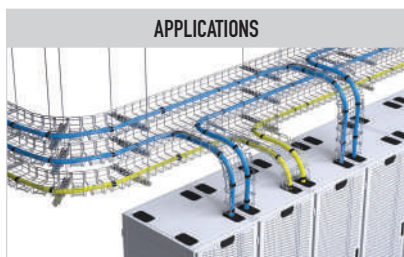
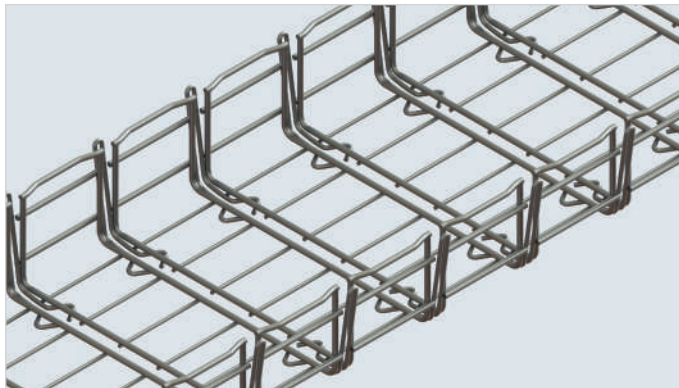
PRODUCT CODE
This identifies part type and size.

→ **FINISH CODE**

EZ	Electro zinc
PG	Pre-Galvanized
GC	Hot Dipped Galvanized
304L	Stainless Steel 304L
316L	Stainless Steel 316L
BL	Black Painted
PE	Custom Painted
WH	White Painted

Not all finishes available for every product.
Refer to product chart for detailed availability.

CABLOBEND FLEX WIRE MESH TRAY



APPLICATIONS



BENDLOCK lock segments together for rigidity where needed

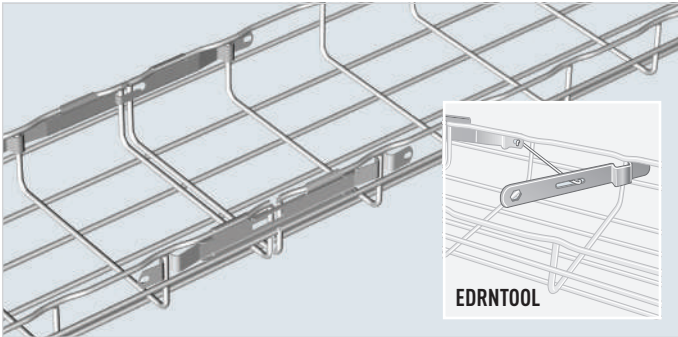
- **Optimal flex wires.** The optimized balance of strength and speed for the quickest up-and-down bends in the industry
- **Wide range of adjustability.** Vertical and horizontal angle adjustability to 90° to fit any configuration
- **Safer installation.** No need for cutting tools and less time on elevated areas for installation
- **Load capacity.** Same as field cut and formed bends
- **Variety of widths and combinations.** Heights of 2", 4" or 6" combined with widths from 6" to 24" to create the vertical bends, vertical elevation changes, horizontal offset changes and horizontal bends that you need
- **Included clips to make sections rigid.** Create rigid sections if needed or leave flexible sections for bends and drops
- **Fully assembled and ready-to-use.** Increases efficiency in the field
- **UL Classified.** Meets UL classification. Cablobend black painted tray provides a UL rated bonding location on both ends of every bend assembly

	DEPTH		WIDTH		FINISH / AVAILABILITY		ORDER EXAMPLE
	IN	MM	IN	MM	EZ	BL	
CABLOBEND 54/150	2.0	54	6.0	150	S	M	CABLOBEND 54/150EZ
CABLOBEND 54/200	2.0	54	8.0	200	S	M	
CABLOBEND 54/300	2.0	54	12	300	S	M	
CABLOBEND 54/450	2.0	54	18	450	S	M	
CABLOBEND 54/600	2.0	54	24	600	S	M	
CABLOBEND 105/150	4.0	105	6.0	150	S	M	
CABLOBEND 105/200	4.0	105	8.0	200	S	M	
CABLOBEND 105/300	4.0	105	12	300	S	M	
CABLOBEND 105/450	4.0	105	18	450	S	M	
CABLOBEND 105/600	4.0	105	24	600	S	M	
CABLOBEND 150/150	6.0	150	6.0	150	S	M	
CABLOBEND 150/200	6.0	150	8.0	200	S	M	
CABLOBEND 150/300	6.0	150	12	300	S	M	
CABLOBEND 150/450	6.0	150	18	450	S	M	
CABLOBEND 150/600	6.0	150	24	600	S	M	

Each Cablobend Kit comes with Bendlock Kit (15) for securing individual segments not being modified to increase rigidity of the final fitting.

S - NORMALLY STOCKED **M** - MADE TO ORDER

EDRN / EDRNTOOL
FAST SPLICE

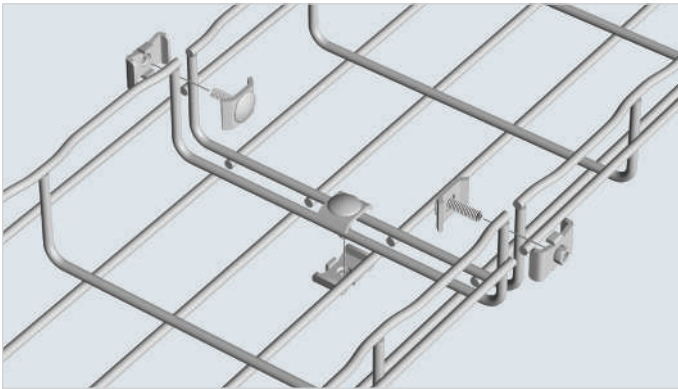


- Fastest splice available from the Cablofil product line. Saves up to half the install time compared to bolted connections.
- Special assembly tool (EDRNT00L) is included in every bag of splices.
- UL Classified Splice.
- 7/16 hex in handle doubles as a SWK wrench.
- **See pg. A.60** for correct number of EDRN sets needed for each width of tray.

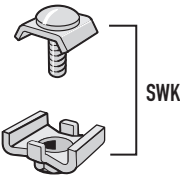
	PKG. QTY	WEIGHT		FINISH / AVAILABILITY			ORDER EXAMPLE	
		LBS	KG	EZ	DC	316L	BL	
EDRN	50	8.8	4.0	S	S	M	S	EDRNEZ
EDRNT00L	1	0.2	0.09	N/A	N/A	N/A	S	

S - NORMALLY STOCKED M - MADE TO ORDER

SWK
SPLICE WASHER KIT



- SWK is designed with a 1/4" x 20* threaded bolt compatible with standard US tools.
- Use SWK to splice any two sections of Cablofil tray.
- Swaged nut allows clamp to be stationary while nut is tightened.
- **See pg. A60** for correct number of SWK sets needed for each width of tray.
- Also use for fabricating bends, turns and tees.
- UL Classified Splice.



APPLICATIONS

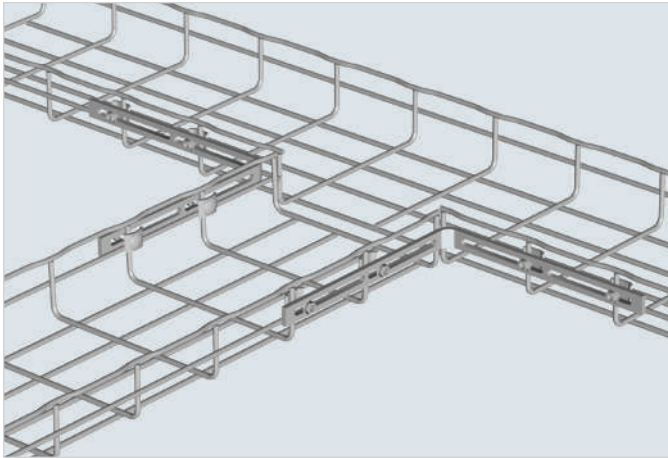
	PKG. QTY	WEIGHT		FINISH / AVAILABILITY			ORDER EXAMPLE	
		LBS	KG	EZ	DC	316L	BL	
SWK	50	3.6	1.6	S	S	S	S	SWKEZ

S - NORMALLY STOCKED M - MADE TO ORDER

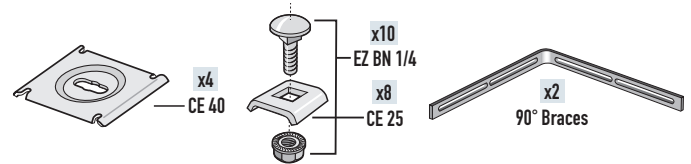
* Threads were previously M6

EZT 90 KIT

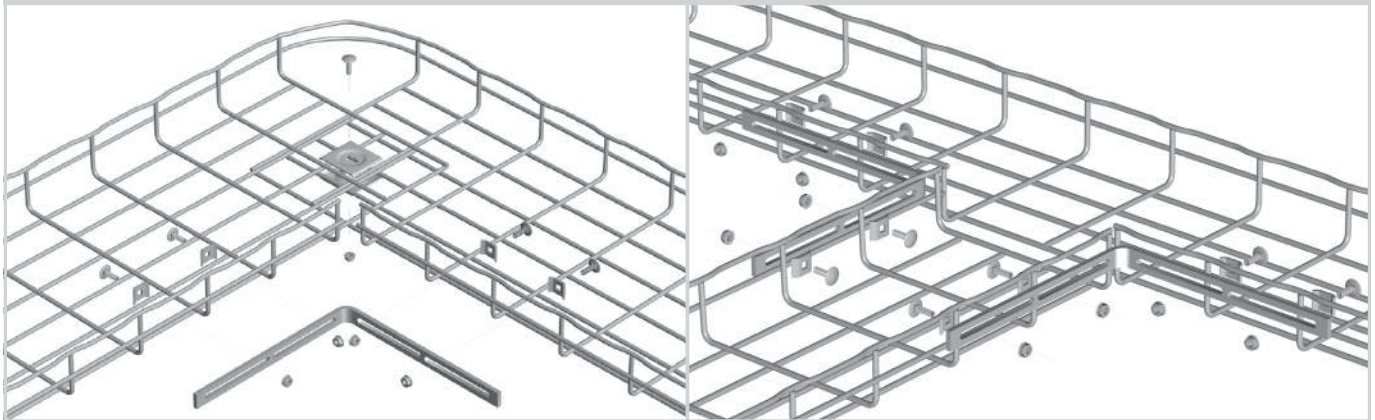
90° AND TEE BEND KIT



- One kit contains hardware for one tee or two 90° bends.
- Slotted Design fits any size tray and eliminates precise tray alignment.
- UL Classified Splice.



APPLICATIONS

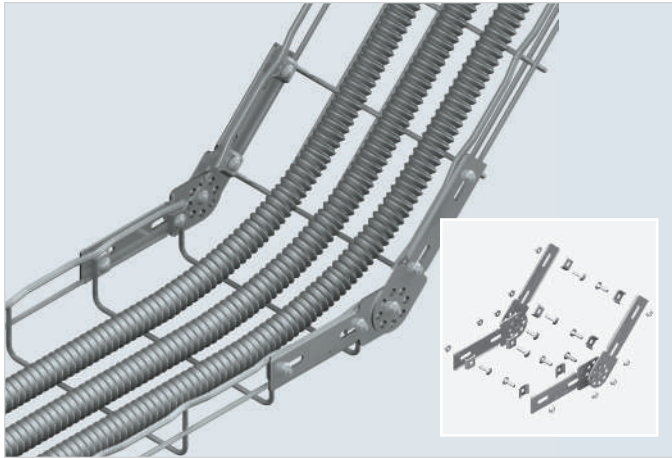


	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY				ORDER EXAMPLE
		LBS	KG	EZ	GC	316L	BL	
EZT 90 KIT	1	1.5	0.7	S	S	S	S	EZT 90 KITEZ

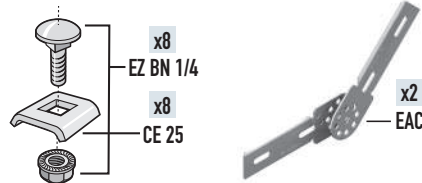
S - NORMALLY STOCKED M - MADE TO ORDER

EZT 90 KIT	
FITTING TYPE	NO. OF KITS REQUIRED
Elbow	1/2
Tee	1
Cross	2

EAC KIT ELEVATION CHANGE HINGE



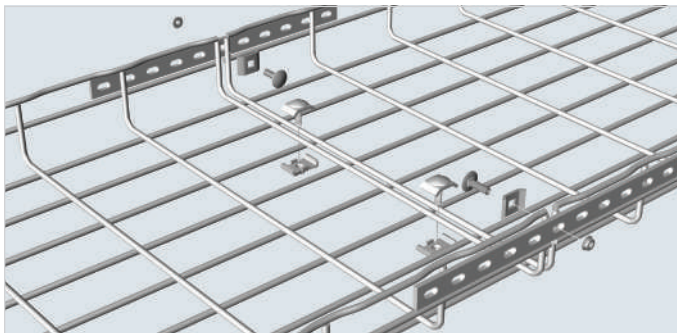
- Reinforces changes in elevation.
- Strengthens installations that support heavy power cables.
- Package contains hardware required for elevation change as shown in photo.
- Pivot hardware pre installed.
- Works with 2" through 6" depth trays.



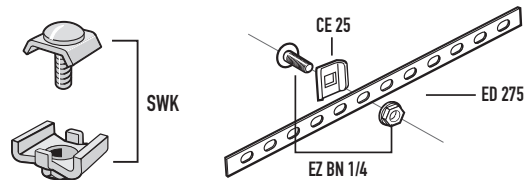
	PKG. QTY	WEIGHT		FINISH / AVAILABILITY		ORDER EXAMPLE
		LBS	KG	DC	BL	
EAC KIT	1	0.36	0.16	S	M	EAC KITDC

S - NORMALLY STOCKED M - MADE TO ORDER

ED 275 UNIVERSAL SPLICE BAR



- Can be cut to fit with a bolt cutter.
- Can be bent by hand for use in tees, elbows, etc.
- EZ BN 1/4, CE 25 and SWK are sold separately. (see pg. A.55).
- UL Classified Splice.
- Slots (.22" x .28") are on .98" centers.



	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY		ORDER EXAMPLE
		LBS	KG	EZ	DC	BL
ED 275	50	14.4	6.5	S	S	M

S - NORMALLY STOCKED M - MADE TO ORDER

WIRE MESH NUMBERING EXAMPLE:

ED 275 EZ → FINISH CODE

PRODUCT CODE

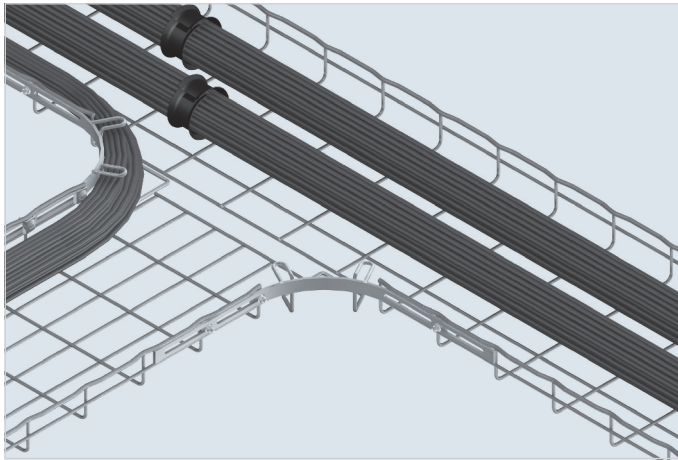
This identifies part type and size.

EZ	Electro zinc
PG	Pre-Galvanized
GC	Hot Dipped Galvanized
304L	Stainless Steel 304L
316L	Stainless Steel 316L
BL	Black Painted
PE	Custom Painted
WH	White Painted

Not all finishes available for every product.
Refer to product chart for detailed availability.

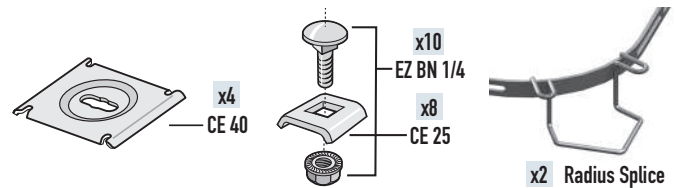
RADT 90 KIT

5" RADIUS TEE 90° KIT



Patent Number – 7.841.566

- One kit contains two Radius Splice, ten EZBN 1/4, eight CE 25 and four CE 40.
- Provides a sturdy radius tee that facilitates pulling MC or large power cables.
- Top wire loops help contain cable in tray while being pulled.
- One kit contains hardware for one tee or two 90° bends.
- UL Classified Splice.



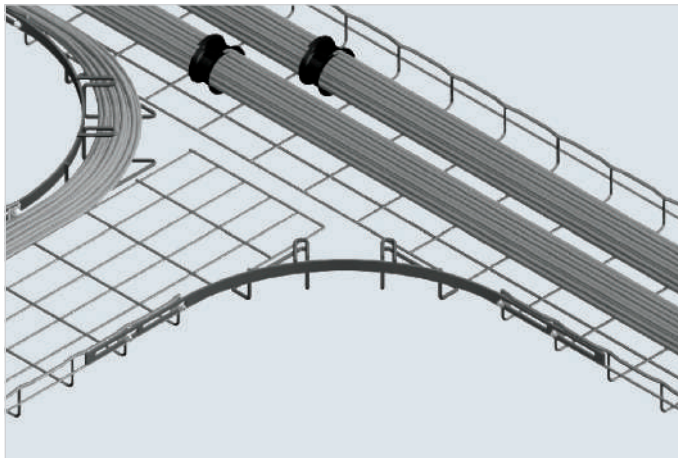
	PKG. QTY.	HEIGHT		WEIGHT		FINISH / AVAILABILITY				ORDER EXAMPLE	RADT 90 KIT	
		IN	MM	LBS	KG	EZ	GC	316L	BL		FITTING TYPE	NO. OF KITS REQUIRED
RAD T 90 KIT 2	1	2.0	54	2.0	0.90	S	M	M	M	RAD T 90 KIT 2EZ	90 Degree	1/2
RAD T 90 KIT 4	1	4.0	105	2.2	0.99	S	M	N/A	S		Tee	1
RAD T 90 KIT 6	1	6.0	150	2.4	1.08	S	M	N/A	M		Cross	2

* Other painted finishes available.
Please contact Legrand Customer Service.

S - NORMALLY STOCKED M - MADE TO ORDER

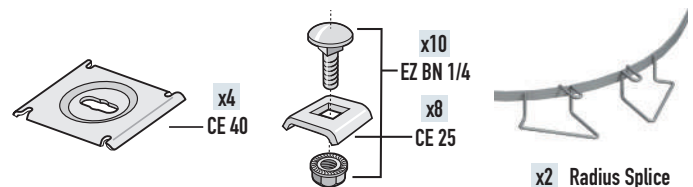
RADT 90 12 KIT

12" RADIUS TEE 90° KIT



Patent Number – 7.841.566

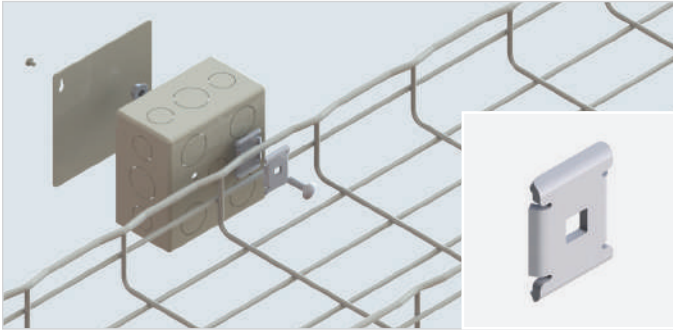
- One kit contains two Radius T90 12 Splice, ten EZBN 1/4, eight CE 25 and four CE 40.
- Provides a sturdy radius tee that facilitates pulling MC or large power cables.
- Top wire loops help contain cable in tray while being pulled.
- One kit contains hardware for one tee or two 90° bends.
- UL Classified Splice.



	PKG. QTY.	HEIGHT		WEIGHT		FINISH / AVAILABILITY				ORDER EXAMPLE	RADT 9012 KIT	
		IN	MM	LBS	KG	EZ	GC	BL			FITTING TYPE	NO. OF KITS REQUIRED
RAD T 90 12 KIT 2	1	2.0	54	3.2	1.45	S	M	M		RAD T 90 12 KIT 2EZ	90 Degree	1/2
RAD T 90 12 KIT 4	1	4.0	105	3.6	1.63	S	M	S			Tee	1
RAD T 90 12 KIT 6	1	6.0	150	3.8	1.72	S	M	M			Cross	2

S - NORMALLY STOCKED M - MADE TO ORDER

CE 35 CLAMPING WASHER

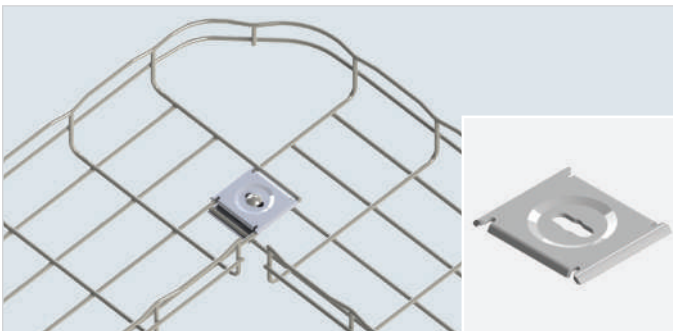


- Useful for clamping cable dropouts or other accessories to the top two side wires of Cablofil tray.
- Use with EZ BN 1/4 Bolt/Nut (sold separately – see pg. A.55).

	HEIGHT	LENGTH		WEIGHT		FINISH / AVAILABILITY		ORDER EXAMPLE
		IN	MM	LBS	KG	PG	316L	
CE 35	10	1.4	35	1.1	0.5	M	M	CE 35PG

S - NORMALLY STOCKED M - MADE TO ORDER

CE 40 SQUARE SPLICE WASHER



- Use for splicing Cablofil tray on bends and adjustable turns.
- Two CE 40's and one EZ BN 1/4 are required for each connection.
- EZ BN 1/4 is sold separately. (see pg. A.55).
- UL Classified Splice.

	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY				ORDER EXAMPLE
		LBS	KG	EZ	DC	316L	BL	
CE 40	25	2.7	1.2	S	S	S	M	CE 40EZ

S - NORMALLY STOCKED M - MADE TO ORDER

WIRE MESH NUMBERING EXAMPLE:

CE 40EZ → FINISH CODE

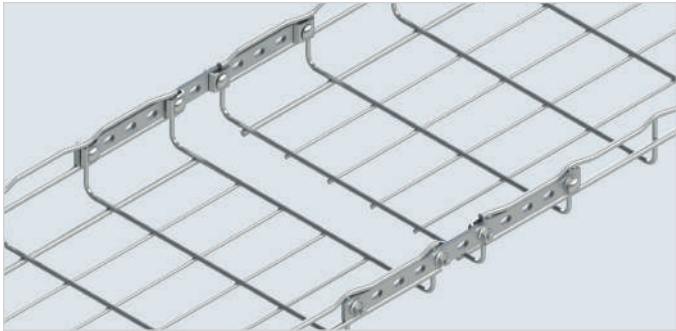
PRODUCT CODE

This identifies part type and size.

EZ	Electrozinc
PG	Pre-Galvanized
GC	Hot Dipped Galvanized
304L	Stainless Steel 304L
316L	Stainless Steel 316L
BL	Black Painted
PE	Custom Painted
WH	White Painted

Not all finishes available for every product.
Refer to product chart for detailed availability.

EXPANKIT EXPANSION KIT

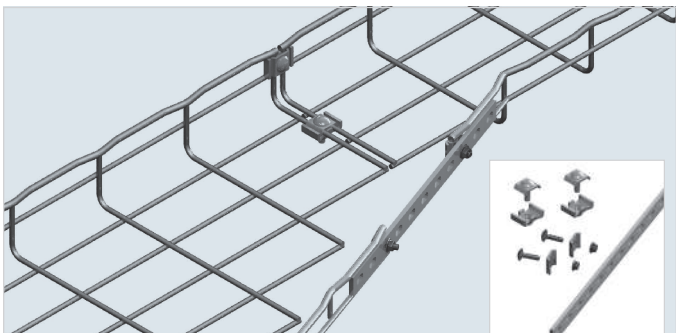


- Allows expansion between two pieces of tray
- Each kit includes (2) ED275 bars, (8) CE25 and (8) EZ304L
- Slots (.22" x .28") are on .98" centers.

	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY				ORDER EXAMPLE
		LBS	KG	EZ	DC	316L	BL	
EXPANKIT	1	14.4	6.5	M	M	M	M	EXPANKITEZ

S - NORMALLY STOCKED M - MADE TO ORDER

EDRSKIT TRAY REDUCTION KIT



- Each kit includes two SWK, one ED 275 (or ED 1100), two EZ BN 1/4 and two CE 25.
- ED 275 and ED 1100 can be trimmed to any length with a shear or bolt cutter if needed.

	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY				ORDER EXAMPLE
		LBS	KG	EZ	DC	316L	BL	
ED275RSKIT*	1	0.3	0.15	S	M	M	M	ED275RSKITEZ
ED1100RSKIT†	1	1.2	0.6	M	M	M	M	

*Use on tray differences up to 8"

†Use on tray differences over 8"

S - NORMALLY STOCKED M - MADE TO ORDER

WIRE MESH NUMBERING EXAMPLE:

EDRSKITEZ → FINISH CODE

PRODUCT CODE
This identifies part type and size.

Not all finishes available for every product.
Refer to product chart for detailed availability.

EZ	Electrozinc
PG	Pre-Galvanized
GC	Hot Dipped Galvanized
304L	Stainless Steel 304L
316L	Stainless Steel 316L
BL	Black Painted
PE	Custom Painted
WH	White Painted

WALL MOUNTINGS

- A.25 FASUCB**
UNIVERSAL BRACKET
- A.26 FAS L**
BRACKET
- A.26 CRP**
UNIVERSAL WALL BRACKET
- A.27 C 50**
WALL MOUNT ATTACHMENT
- A.27 CAT 41**
SNAP-IN WALL
HANGER SUPPORT
- A.28 HB 2 KIT**
WALL/FLOOR
TERMINATION BRACKET
- A.28 FV**
VERTICAL BRACKET
- A.29 RB112KIT**
RACK BRACKET
- A.29 EZJB 5/16**
J-BOLT



Most wall support accessories feature our unique Fast Assembly System (FAS). This system utilizes simple one-step locking tabs that require no additional hardware to secure tray runs to its supports, reducing installation time and cost.

CORRECT PRODUCT CODE USAGE

Product code identifies part type and size.
Do not include spaces between letters or numbers

Each product code must include a finish code.

Global product reference code is located in the index

WIRE MESH NUMBERING EXAMPLE:

FASUCB200PG

PRODUCT CODE

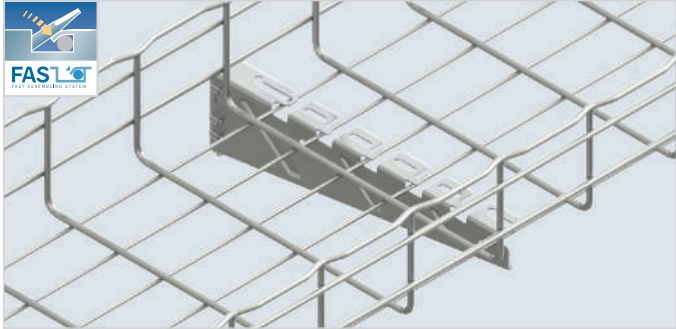
This identifies part type and size.

FINISH CODE

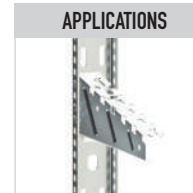
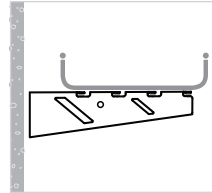
EZ	Electrozinc
PG	Pre-Galvanized
GC	Hot Dipped Galvanized
304L	Stainless Steel 304L
316L	Stainless Steel 316L
BL	Black Painted
PE	Custom Painted
WH	White Painted

Not all finishes available for every product.
Refer to product chart for detailed availability.

FASUCB UNIVERSAL BRACKET

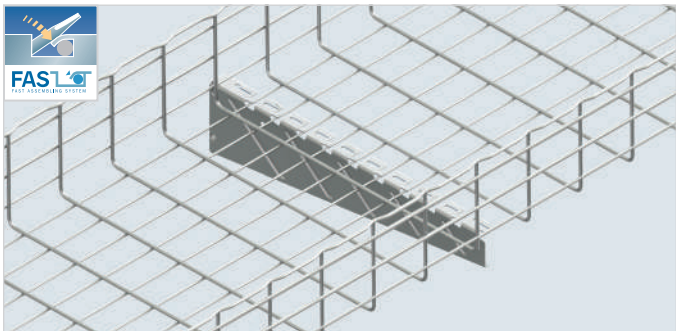


- For tray installation onto walls or channel framing.
- Patented FAS style attachment holds tray secure without nuts and bolts.

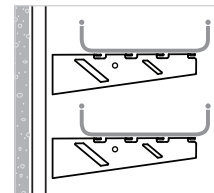
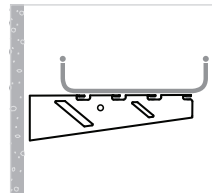


	HEIGHT		WIDTH		LENGTH		WEIGHT		PG	FINISH / AVAILABILITY			ORDER EXAMPLE
	IN	MM	IN	MM	IN	MM	LBS	KG		GC	316L	BL	
FASUCB 100	3.5	85	4.0	100	6.0	157	0.3	0.1	S	S	S	M	FASUCB 100PG
FASUCB 150	5.0	124	6.0	150	8.0	207	0.4	0.2	S	S	S	M	
FASUCB 200	5.5	139	8.0	200	12.0	257	0.5	0.2	S	S	M	M	
FASUCB 300	5.5	139	12.0	300	14.0	357	0.8	0.3	S	S	S	S	

S - NORMALLY STOCKED M - MADE TO ORDER



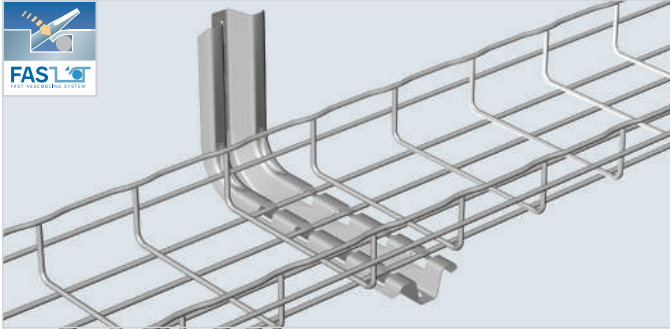
- For wider tray and heavier loads.
- Snaps directly into EDF rail.



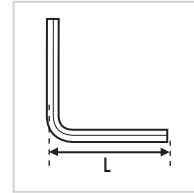
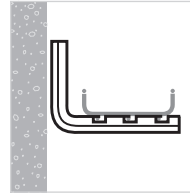
	HEIGHT		WIDTH		LENGTH		WEIGHT		PG	FINISH / AVAILABILITY			ORDER EXAMPLE
	IN	MM	IN	MM	IN	MM	LBS	KG		GC	316L	BL	
FASUCB 450	5.5	137.7	18.0	450	20.0	507	2.4	1.1	S	S	M	S	FASUCB 450PG
FASUCB 500	5.5	137.7	20.0	500	22.0	557	2.9	1.3	M	M	M	M	
FASUCB 600	5.5	137.7	24.0	600	26.0	657	6.4	2.9	S	S	M	S	

S - NORMALLY STOCKED M - MADE TO ORDER

FAS L BRACKET



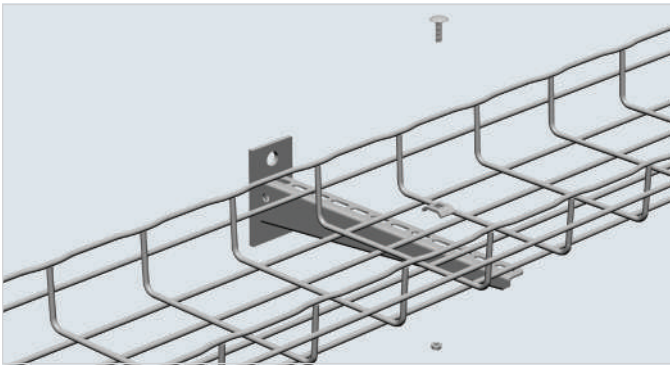
- For installation of Cablofil tray onto walls.
- Reduce installation time—patented FAS style attachment holds tray secure without nuts and bolts.
- Order “width” to match tray.



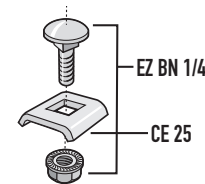
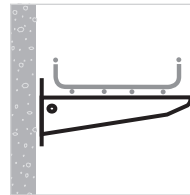
	WIDTH		LENGTH		WEIGHT		PG	FINISH / AVAILABILITY			ORDER EXAMPLE
	IN	MM	IN	MM	LBS	KG		GC	316L	BL	
FASL 100	4.0	100	7.0	178.5	0.9	0.4	S	M	M	M	FASL 100PG
FASL 150	6.0	150	9.0	228.5	1.0	0.5	S	M	M	M	
FASL 200	8.0	200	11.0	278.5	1.1	0.5	S	M	M	M	
FASL 300	12.0	300	14.9	378.5	1.4	0.6	S	M	M	M	
FASL 450	18.0	450	20.8	528.5	2.1	1.0	S	M		S	

S - NORMALLY STOCKED M - MADE TO ORDER

CRP UNIVERSAL WALL BRACKET



- Hot dipped galvanized after fabrication for corrosion resistance.
- CE 25 and EZ BN 1/4 are sold separately. (see pg. A.55).



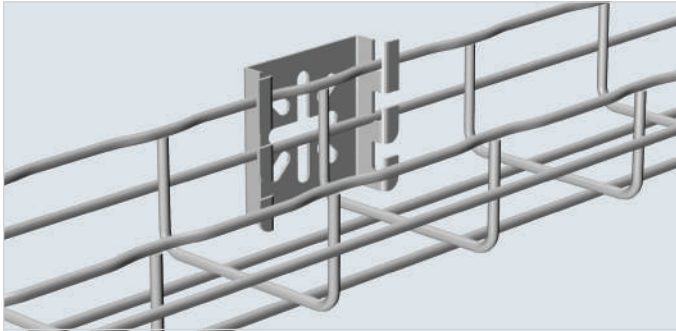
100 – 200 MM	x1
300 MM	x2
500 – 600 MM	x3

	HEIGHT		WIDTH		LENGTH		WEIGHT		FINISH / AVAILABILITY	ORDER EXAMPLE
	IN	MM	IN	MM	IN	MM	LBS	KG		
CRP 100	3.7	93	4.0	100	4.6	117	0.4	0.2	GC	CRP 100GC
CRP 200	3.7	93	8.0	200	8.5	217	0.8	0.3	M	
CRP 300	3.7	93	12.0	300	12.4	317	1.0	0.5	S	
CRP 500	4.7	121	20.0	500	20.4	517	1.8	0.8	M	
CRP 600	4.7	121	24.0	600	24.3	617	2.4	1.1	M	

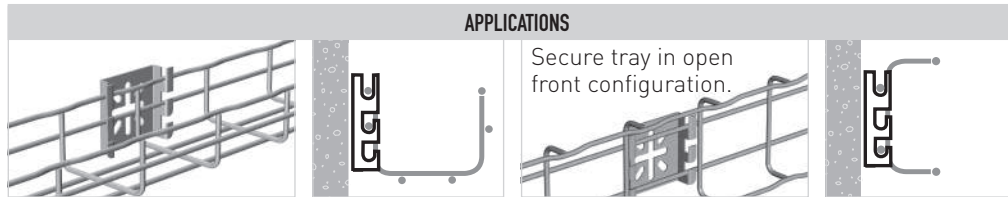
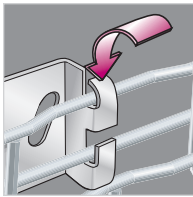
S - NORMALLY STOCKED M - MADE TO ORDER

C 50

WALL MOUNT ATTACHMENT



- Attaches tray up to 4" wide to walls, cabinets or machinery.
- Fold-over tabs secure tray without additional hardware.
- Slotted mounting holes make for adjustable installations.

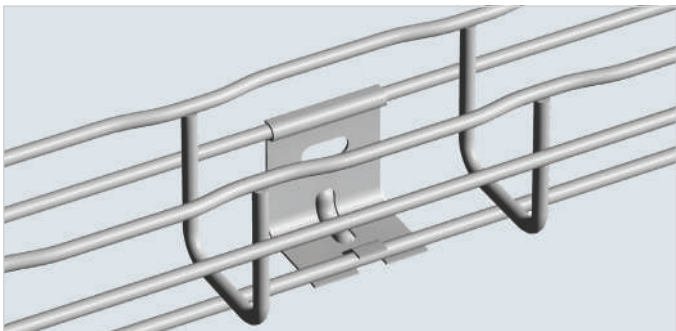


	WEIGHT		PG	FINISH / AVAILABILITY			ORDER EXAMPLE
	LBS	KG		GC	316L	BL	
C50	0.2	0.1	S	S	S	M	C50PG

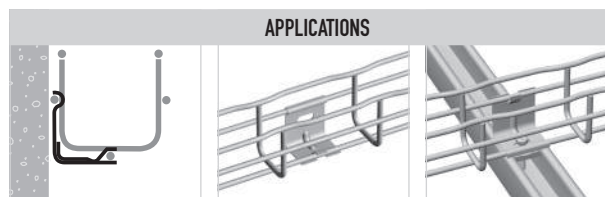
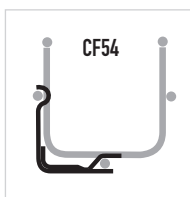
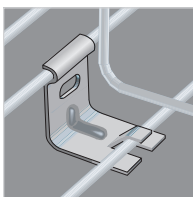
S - NORMALLY STOCKED M - MADE TO ORDER

CAT 30/41

SNAP-IN WALL HANGER SUPPORT



- Keeps 2" wide tray secure when attaching to supports.
- No screws required for tray attachment.
- Just snap in place.

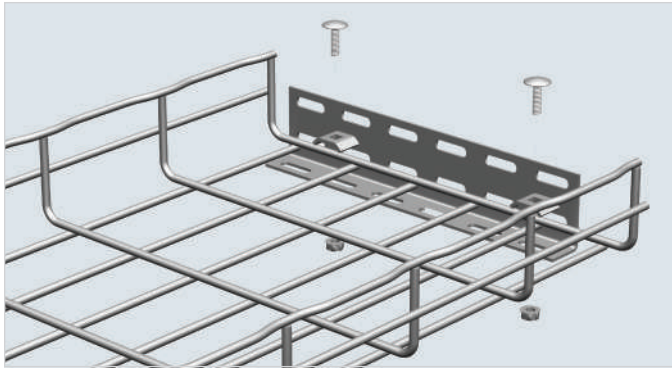


CAT 30/41 can attach 2" wide tray directly to walls, cabinets or machinery.

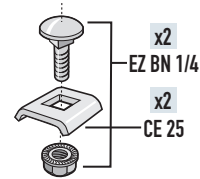
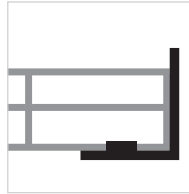
	WEIGHT		PG	FINISH / AVAILABILITY			ORDER EXAMPLE
	LBS	KG		316L	BL		
CAT 30/41	0.1	0.03	S	S	S		CAT 30/41PG

S - NORMALLY STOCKED M - MADE TO ORDER

HB 2 KIT WALL/FLOOR TERMINATION BRACKET



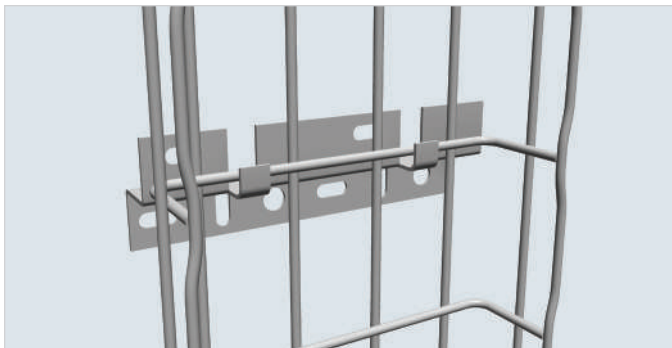
- Wall Termination Bracket works in a variety of ways to support Cablofil tray in telecommunications closets, equipment rooms, risers, etc. on wall or floor.
- Slotted design adapts to any configuration.
- Kit contains two EZ BN 1/4 and two CE 25 with one HB2.



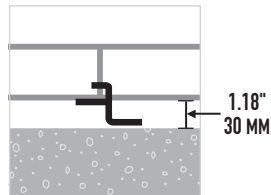
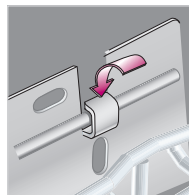
	LENGTH		WEIGHT		FINISH / AVAILABILITY			ORDER EXAMPLE
	IN	MM	LBS	KG	PG	BL	PE	
HB 2 KIT	9.4	240	0.4	0.2	S	S	M	HB 2 KITPG
HB 4 KIT	9.4	240	0.9	0.5	S	M	M	

S - NORMALLY STOCKED M - MADE TO ORDER

FV VERTICAL BRACKET



- Unique support keeps tray secure vertically.
- Fold-over tabs secure tray; no additional hardware needed.
- Uses 2 supports for tray widths of 18" or more.
- Use on 6" and wider tray.



	LENGTH		WEIGHT		FINISH / AVAILABILITY			ORDER EXAMPLE
	IN	MM	LBS	KG	PG	GC	316L	
FV 1	8.0	200	0.7	0.3	M	M	M	FV 1PG

S - NORMALLY STOCKED M - MADE TO ORDER

WIRE MESH NUMBERING EXAMPLE:

HB2KITPG → FINISH CODE

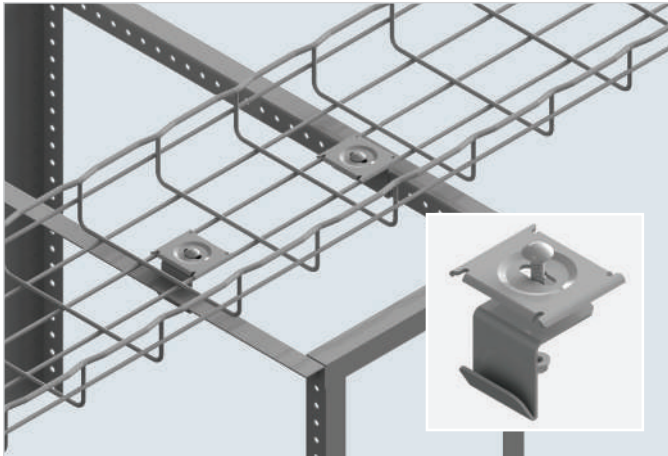
PRODUCT CODE

This identifies part type and size.

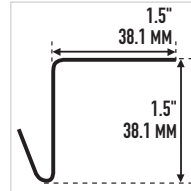
EZ	Electrozinc
PG	Pre-Galvanized
GC	Hot Dipped Galvanized
304L	Stainless Steel 304L
316L	Stainless Steel 316L
BL	Black Painted
PE	Custom Painted
WH	White Painted

Not all finishes available for every product.
Refer to product chart for detailed availability.

RB112KIT RACK BRACKET



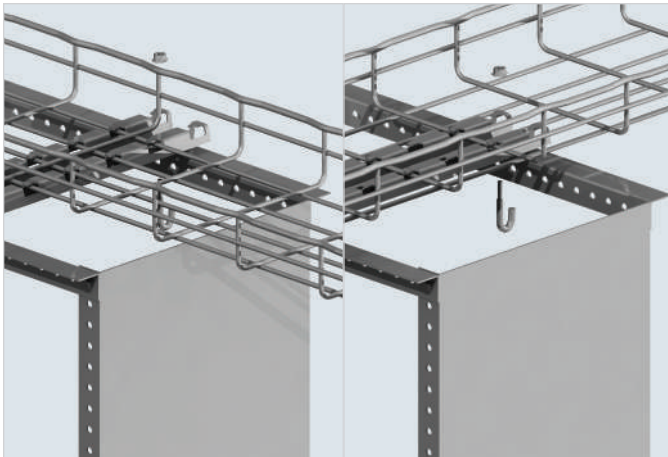
- Secures Cablofil tray to angled frame type rack tops.
- Tray can be attached parallel with the rack front.
- 10 Kits to a package.
- Works with all tray sizes.
- Each Kit includes:
 - (1) RB112 Bracket
 - (1) CE 40 washer
 - (1) EZ BN 1/4 Bolt/nut



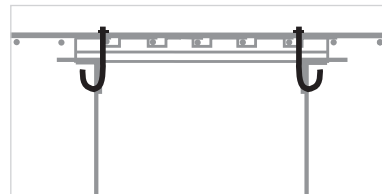
	PKG. QTY.	WIDTH		DEPTH		WEIGHT		FINISH / AVAILABILITY		ORDER EXAMPLE
		IN	MM	IN	MM	LBS	KG	EZ	BL	
RB112KIT	10	1.5	38	1.5	38	0.35	0.16	M	M	RB112KITEZ

S - NORMALLY STOCKED M - MADE TO ORDER

EZJB 5/16 J-BOLT



- Use this J-Bolt in conjunction with a FAS P 200 or FAS P 300 for attachment to a 19" or 23" rack.
- No drilling needed (see drawing).
- FAS Profile sold separately.
- Nut included.



	PKG. QTY.	LENGTH		WEIGHT		FINISH / AVAILABILITY		ORDER EXAMPLE
		IN	MM	LBS	KG	EZ	BL	
EZJB 5/16	2	2.5	64	2.0	0.91	S	M	EZJB 5/16EZ

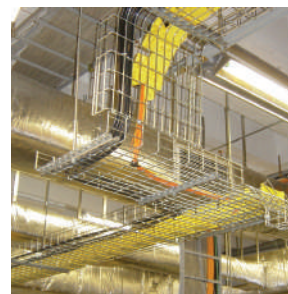
S - NORMALLY STOCKED M - MADE TO ORDER

CEILING MOUNTINGS

- A.31 AS**
TRAPEZE HANGING CLIP
- A.31 FAS P**
FAS PROFILE
- A.32 FAS PCH**
CENTER HANGER
- A.32 FAS C**
BRACKET
- A.33 SF 50**
CENTER HANGER
- A.33 SF 100**
CENTER HANGER
- A.34 SON**
SLIP-ON LOCK NUT®
- A.34 EDF**
RAIL
- A.35 PFREDF**
MOUNTING BRACKET
- A.35 DF**
ANGLE MOUNTING BRACKET
- A.35 ERD 10**
BRACE PLATE



Ceiling supports for wire mesh tray are available in three styles, direct attachment to the ceiling deck, suspended from threaded rods or pendant style supports. Many hangers feature our unique FAS system that secures wire mesh tray without additional hardware. A variety of finishes are available to compliment the tray finish.



CORRECT PRODUCT CODE USAGE

Product code identifies part type and size.
Do not include spaces between letters or numbers

Each product code must include a finish code.

Global product reference code is located in the index

WIRE MESH NUMBERING EXAMPLE:

FAS P 150 P G

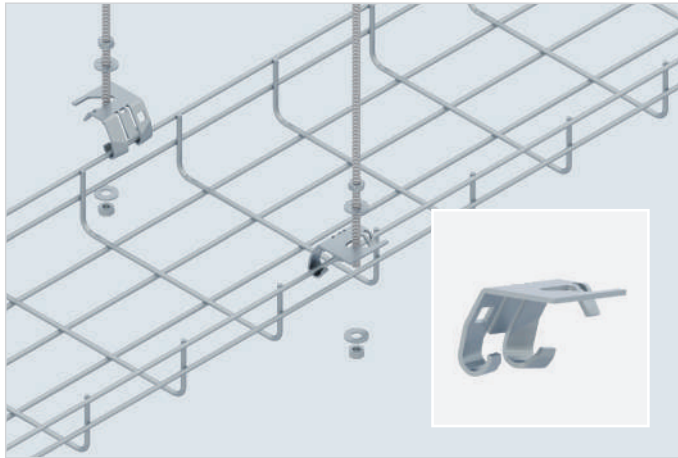
PRODUCT CODE
This identifies part type and size.

→ **FINISH CODE**

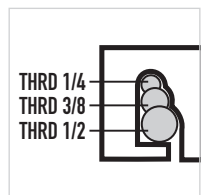
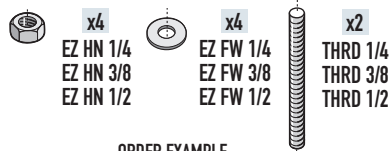
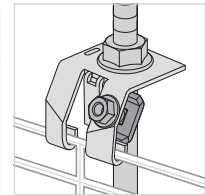
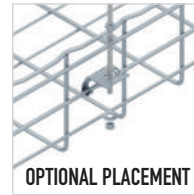
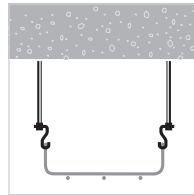
EZ	Electro Zinc
PG	Pre-Galvanized
GC	Hot Dipped Galvanized
304L	Stainless Steel 304L
316L	Stainless Steel 316L
BL	Black Painted
PE	Custom Painted
WH	White Painted

Not all finishes available for every product.
Refer to product chart for detailed availability.

AS TRAPEZE HANGING CLIP



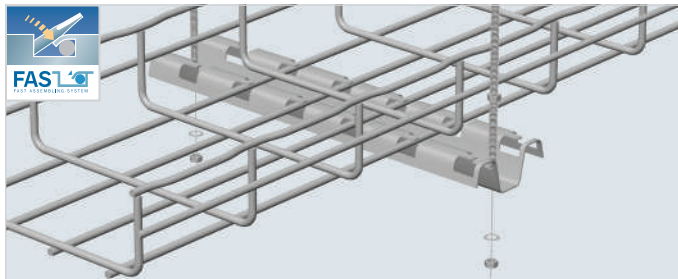
- Tray can be detached on one side to add cables.
- Use pliers to lock tabs and secure tray to threaded rod.
- Threaded rods, nuts, and washers sold separately.
- Allows threaded rod to extend past AS clip for multi-tier levels.
- Designed to be used with Wire Mesh and Fiber trough products.



	PKG. QTY.	WEIGHT		PG	FINISH / AVAILABILITY			ORDER EXAMPLE
		LBS	KG		GC	316L	BL	
AS	50	6.6	3.0	S	M	M	S	ASPG

S - NORMALLY STOCKED M - MADE TO ORDER

FAS P FAS PROFILE

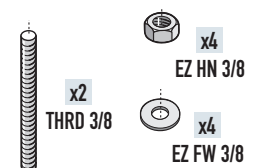
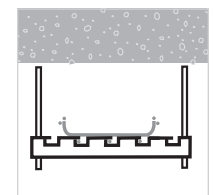
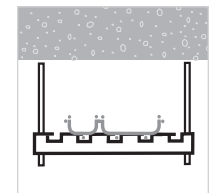


- For trapeze hung installations, use 4" longer profile than tray width. Example: for CF 54/300 tray (12") use FAS P400 (16").
- Maximum threaded rod size is 3/8". For use with larger sizes of threaded rod, bracket holes must be drilled larger.
- Patented FAS style attachment secures tray without nuts and bolts.
- Threaded rods, nuts and washers sold separately.

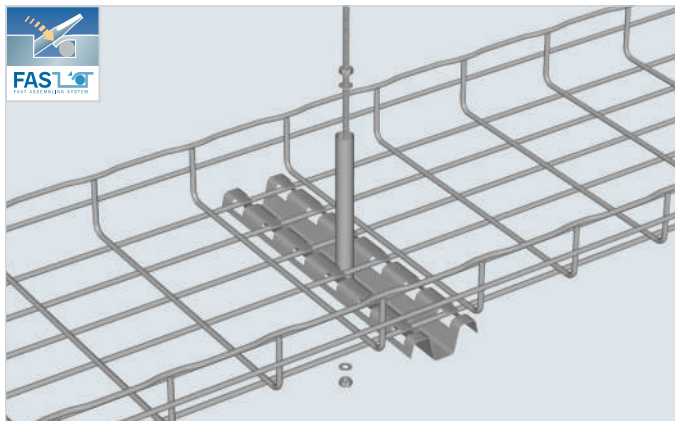
	TRAY WIDTH		FASP LENGTH		WEIGHT		PG	FINISH / AVAILABILITY			ORDER EXAMPLE
	IN	MM	FT	M	LBS	KG		GC	316L	BL	
FASP 150	2.0	50	6.0	150	0.4	0.2	S	S	S	M	FASP 150PG
FASP 200	4.0	100	8.0	200	0.7	0.3	S	S	S	M	
FASP 300	6.0-8.0		12.0	300	0.9	0.4	S	S	M	S	
FASP 400	12.0	300	16.0	400	1.1	0.5	S	S	S	S	
FASP 450	14.0	350	18.0	450	1.2	0.5	S	M	M	M	
FASP 500	16.0	400	20.0	500	1.3	0.6	S	M	M	M	
FASP 550	18.0	450	22.0	550	1.3	0.6	S	S	M	S	
FASP 600	20.0	500	24.0	600	1.5	0.7	S	S	M	S	
FASP 700	24.0	600	28.0	700	1.8	0.8	S	S	M	S	
FASP 1000	Multiple*		40.0	1000	2.6	1.2	S	M	M	M	
FASP 2000	Multiple*		80.0	2000	5.3	2.4	M	M	M	M	FASP 3000
FASP 3000	Multiple*		120.0	3000	7.9	3.6	S	S	M	M	

*These lengths are intended to be cut down to smaller lengths. Wire mesh greater than 24" wide should be supported using strut.

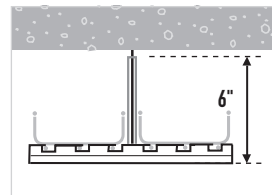
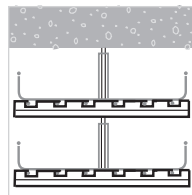
S - NORMALLY STOCKED M - MADE TO ORDER



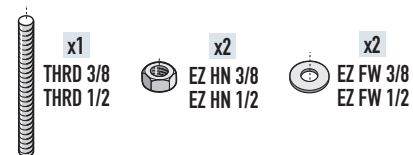
FAS PCH CENTER HANGER



- Only one threaded rod is needed to suspend tray.
- Suspension tube protects cables.
- 6" and 18" Center Hangers have offset suspension tube to avoid center wire.
- Threaded rod, nuts and washers sold separately.
- Balanced loading recommended.



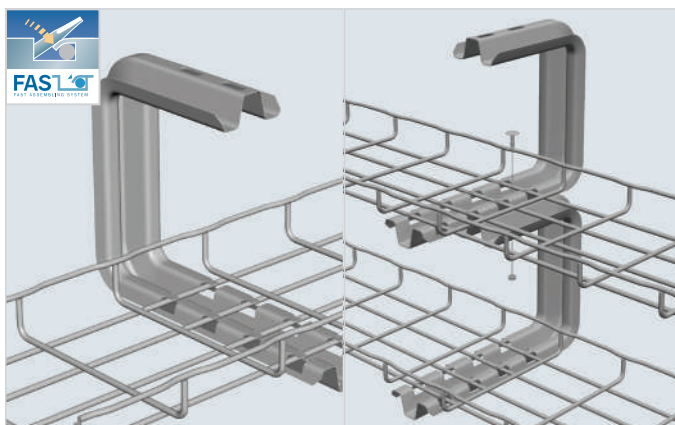
	LENGTH		WEIGHT		PG	FINISH / AVAILABILITY			ORDER EXAMPLE
	IN	MM	LBS	KG		GC	316L	BL	
FAS PCH 150	6.0	144	0.6	0.2	S	M	M	M	FAS PCH 150PG
FAS PCH 200	8.0	194	0.7	0.3	S	M	M	M	
FAS PCH 300	12.0	294	0.9	0.4	S	M	M	S	
FAS PCH 400	16.0	394	1.1	0.5	S	M	M	M	
FAS PCH 450	18.0	444	1.3	0.6	S	M	M	M	
FAS PCH 500*	20.0	494	1.3	0.6	M	M	M	M	
FAS PCH 600*	24.0	594	1.5	0.7	S	M	M	M	



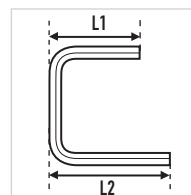
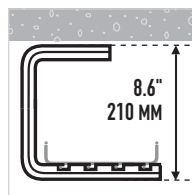
*1/2" threaded rod recommended for these FAS PCH sizes.

S - NORMALLY STOCKED M - MADE TO ORDER

FAS C BRACKET



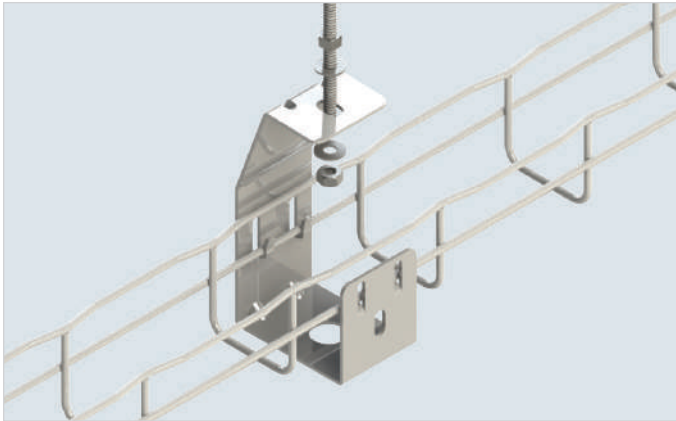
- For cable tray installation under ceilings or overhangs.
- Can be stacked for multiple levels of tray.
- Saves installation time—patented FAS style attachment holds cable tray secure without nuts and bolts.
- EZ BN 1/4 and CE 25 are sold separately. (see pg. A.55).



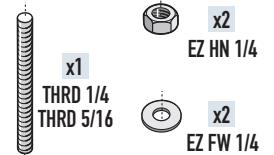
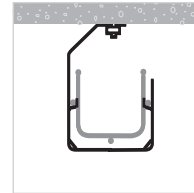
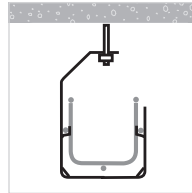
	WIDTH		LENGTH (L1)		LENGTH (L2)		WEIGHT		PG	FINISH / AVAILABILITY			ORDER EXAMPLE
	IN	MM	IN	MM	IN	MM	LBS	KG		GC	316L	BL	
FASC 100	4.0	100	6.7	170	7.0	178.5	1.4	0.6	S	M	M	M	FASC 100PG
FASC 150	6.0	150	6.7	170	8.9	228.5	1.5	0.7	S	M	M	M	
FASC 200	8.0	200	6.7	170	10.9	278.5	1.7	0.8	S	M	M	M	
FASC 300	12.0	300	11.3	288	14.9	378.5	1.9	0.9	S	M	M	M	
FASC 450	18.0	450	11.3	288	20.8	528.5	2.8	1.3	S	M	M	M	

S - NORMALLY STOCKED M - MADE TO ORDER

SF 50 CENTER HANGER



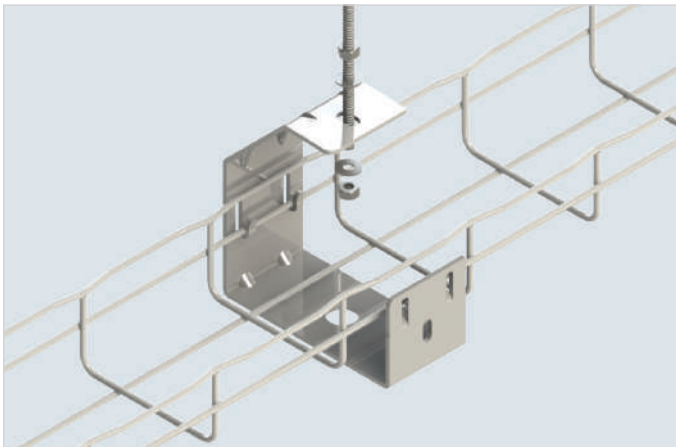
- For center hanging 2" wide tray.
- Fold-over tabs secure tray without additional hardware.
- Threaded rod, nuts and washers sold separately.
- Sized for 1/4" or 5/16" rod
- Can be attached directly to ceiling with power tools thru bottom access hole.



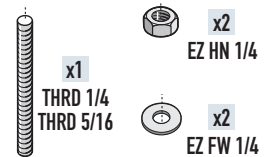
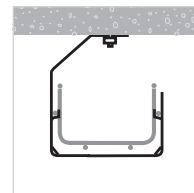
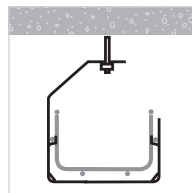
	WIDTH		WEIGHT		FINISH / AVAILABILITY				ORDER EXAMPLE	
	IN	MM	LBS	KG	PG	GC	316L	BL		
SF 50	2.0	50	0.4	0.2	S	M	S	M		SF 50PG

S - NORMALLY STOCKED M - MADE TO ORDER

SF 100 CENTER HANGER



- For center hanging 4" wide tray.
- Fold-over tabs secure tray without additional hardware.
- Threaded rod, nuts and washers sold separately.
- Sized for 1/4" or 5/16" rod
- Can be attached directly to ceiling with power tools thru bottom access hole.
- Support is compatible with CF54 tray only.



	WIDTH		WEIGHT		FINISH / AVAILABILITY				ORDER EXAMPLE	
	IN	MM	LBS	KG	PG	GC	316L	BL		
SF 100	4.0	100	0.9	0.4	S	M	S	S		SF 100PG

S - NORMALLY STOCKED M - MADE TO ORDER

WIRE MESH NUMBERING EXAMPLE:

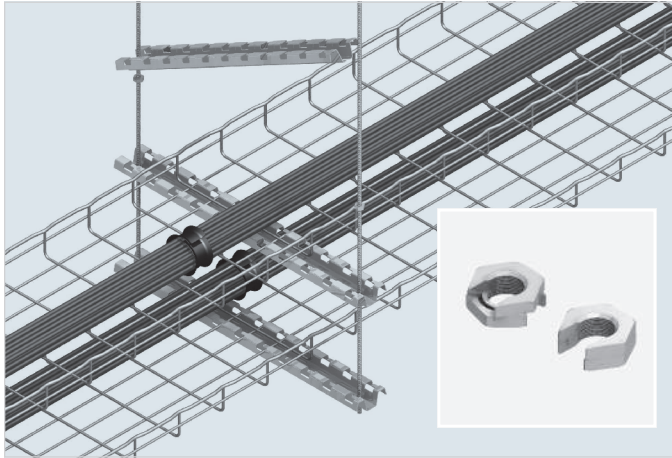
FASC100PG → FINISH CODE

PRODUCT CODE
This identifies part type and size.

Not all finishes available for every product.
Refer to product chart for detailed availability.

EZ	Electro zinc
PG	Pre-Galvanized
GC	Hot Dipped Galvanized
304L	Stainless Steel 304L
316L	Stainless Steel 316L
BL	Black Painted
PE	Custom Painted
WH	White Painted

SON SLIP-ON LOCK NUT®

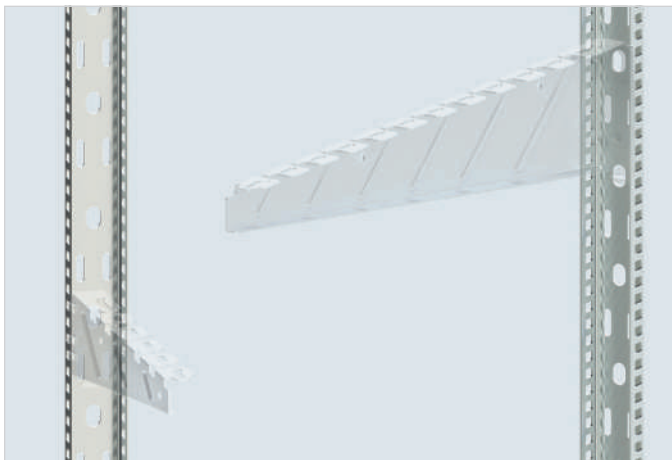


- Install additional tiers to existing trapeze hung cable pathways with ease.
- To install, place slip-on nut onto threaded rod, rotate nut halves, tighten halves to lock in place.
- FASP end slots require being "opened up" to install on threaded rod(s).

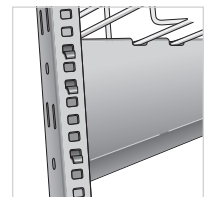
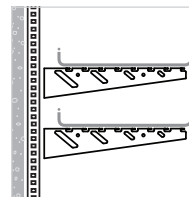
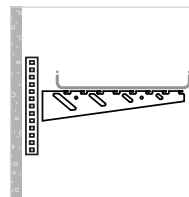
	PKG. QTY.	THREAD SIZE	FINISH / AVAILABILITY	ORDER EXAMPLE
			EZ	
SON1/4	2	1/4 - 20	M	SON1/4EZ
SON3/8	2	3/8 - 18	S	
SON1/2	2	1/2 - 12	S	
SON5/8	2	5/8 - 11	S	

S - NORMALLY STOCKED M - MADE TO ORDER

EDF RAIL



- EDF Rail makes tiered tray runs easier and faster to install.
- One CA Pin (sold separately) is required to install 4" to 12" FASUCB. Suggested for 16" to 24" FASUCB.
- FASUCB sizes 16" to 24" will snap directly onto EDF Rail.



CA

	LENGTH		WEIGHT		PG	FINISH / AVAILABILITY			ORDER EXAMPLE
	IN	MM	LBS	KG		GC	316L	BL	
EDF 300	10.6	270	0.7	0.3	M	M	M	M	EDF 300PG
EDF 600	24.8	630	1.8	0.8	S	M	M	M	
EDF 1000	39.0	990	2.6	1.2	S	M	M	M	
EDF 2000	78.0	2000	5.5	2.5	M	M	M	M	
EDF 3000	120.0	3000	9.1	4.1	M	M	M	M	

S - NORMALLY STOCKED M - MADE TO ORDER

PFREDF MOUNTING BRACKET

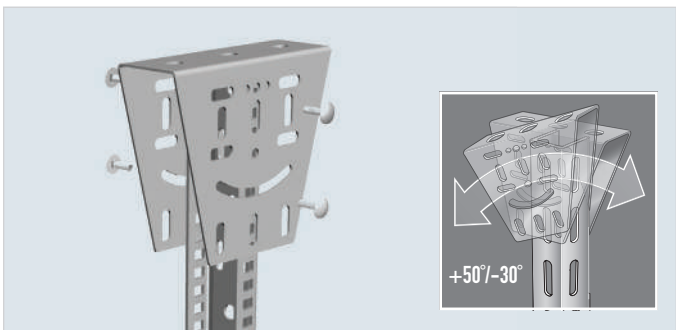


- Use PFREDF to attach EDF Rail directly to ceiling.
- EDF Rail attaches to PFREDF without additional hardware.

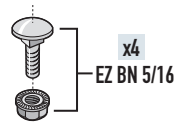
	WEIGHT		FINISH / AVAILABILITY			ORDER EXAMPLE
	LBS	KG	PG	316L	BL	
PFREDF	1.3	0.6	M	M	M	PFREDFPG

S - NORMALLY STOCKED M - MADE TO ORDER

DF ANGLE MOUNTING BRACKET



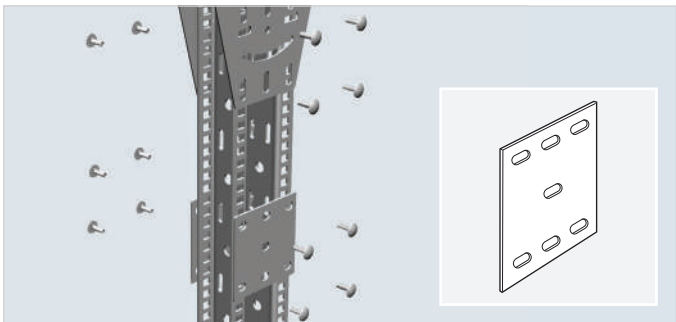
- Use DF to attach EDF Rail to any angled ceiling.
- Attach EDF Rail to DF with EZ BN 5/16 (sold separately-see pg. A.55).



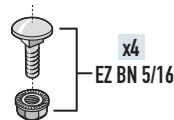
WEIGHT			FINISH / AVAILABILITY			ORDER EXAMPLE	
	LBS	KG	PG	GC	316L	BL	
DF	1.3	0.6	M	M	M	M	DFPG

S - NORMALLY STOCKED M - MADE TO ORDER

ERD 10 BRACE PLATE



- Use ERD 10 to assemble double-sided ceiling hung tray runs.
- Attach EDF Rail to ERD 10 with EZ BN 5/16 (sold separately-see pg. A.55).



	WEIGHT		FINISH / AVAILABILITY			ORDER EXAMPLE
	LBS	KG	PG	GC	BL	
ERD 10	0.4	0.5	M	M	M	ERD 10PG

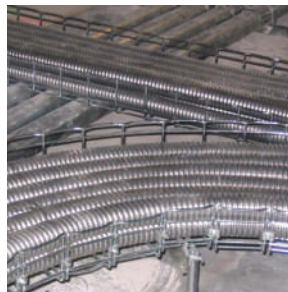
S - NORMALLY STOCKED M - MADE TO ORDER

UNDERFLOOR MOUNTINGS

- A.37** **UFC550 KIT**
UNDER FLOOR
SUPPORT CLAMP KIT
- A.37** **UFC**
UNDER FLOOR
SUPPORT CLAMP
- A.38** **UFCN**
UNDER FLOOR CLAMP
- A.38** **UC 50**
CABLE TRAY STANDOFF
- A.39** **UFS**
UNDER FLOOR SUPPORT
- A.39** **UFS**
UNDER FLOOR
SUPPORT BRACKET



Wire mesh tray can be installed in two ways for underfloor applications - attached to underfloor support legs or freestanding supports. All underfloor supports install easily creating a secure, well-ventilated cable pathway.



CORRECT PRODUCT CODE USAGE

Product code identifies part type and size.
Do not include spaces between letters or numbers

Each product code must include a finish code.

Global product reference code is located in the index

WIRE MESH NUMBERING EXAMPLE:

UFC550KITPG →

FINISH CODE

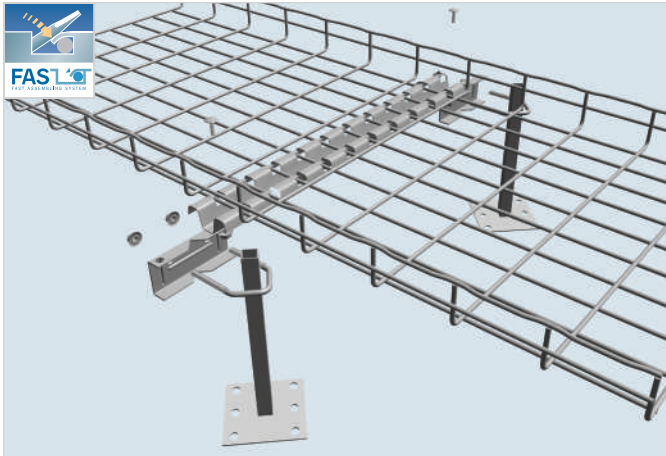
EZ	Electro zinc
PG	Pre-Galvanized
GC	Hot Dipped Galvanized
304L	Stainless Steel 304L
316L	Stainless Steel 316L
BL	Black Painted
PE	Custom Painted
WH	White Painted

PRODUCT CODE
This identifies part type and size.

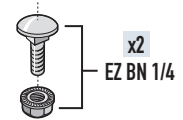
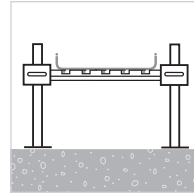
Not all finishes available for every product.
Refer to product chart for detailed availability.

UFC550 KIT

UNDER FLOOR SUPPORT CLAMP KIT



- Creates a tray support between two floor supports for Cablofil tray runs.
- To install, clamp UFC to raised floor supports then bolt FAS P 550 to UFC clamps.
- Use patented locking tabs on FAS P 550 to secure tray without additional hardware.
- Kit contains two UFC clamps, two EZ BN 1/4 and one FAS P 550.

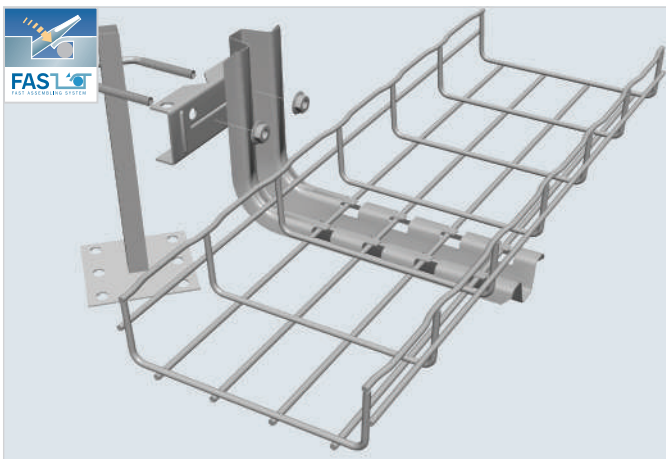


	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY		ORDER EXAMPLE
		LBS	KG	PG	BL	
UFC550 KIT	1	0.7	0.3	S	M	UFC550 KITPG

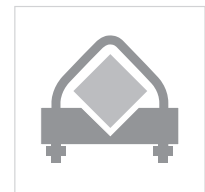
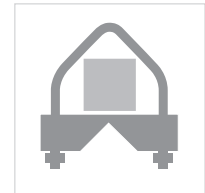
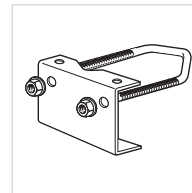
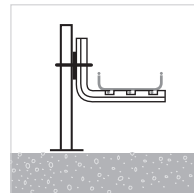
S - NORMALLY STOCKED M - MADE TO ORDER

UFC

UNDER FLOOR SUPPORT CLAMP



- Creates a tray support using FAS L brackets in under floor applications.
- To install, clamp FAS L Brackets to raised floor support through **one side of U-bolt ONLY**.
- UFC clamp works with round or square post profiles.
- Turn UFC support plate around if post faces are parallel with floor grid.

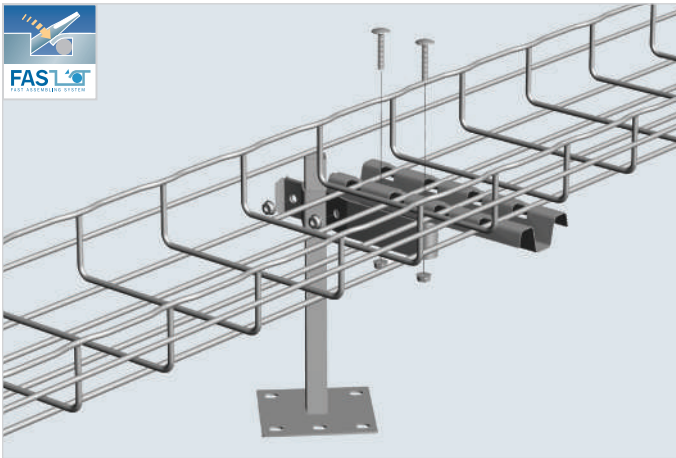


	LENGTH		WEIGHT		FINISH / AVAILABILITY		ORDER EXAMPLE
	IN	MM	LBS	KG	PG	BL	
UFC	5.0	127	0.7	0.3	S	M	UFCPG

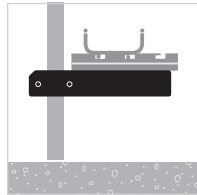
S - NORMALLY STOCKED M - MADE TO ORDER

UNDERFLOOR

UFCN
UNDER FLOOR CLAMP



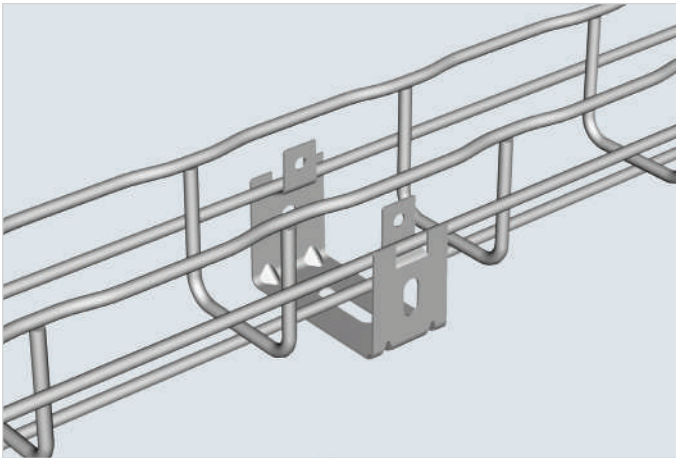
- UFCN includes clamp, pre-assembled FAS Profile, nuts and bolts.
- Clamp attaches to square or round support posts.
- FAS Profile secures tray without additional hardware.
- Adjusts to any height.



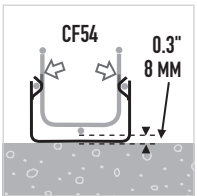
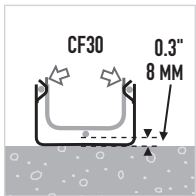
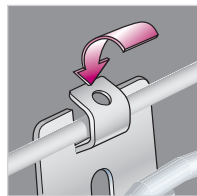
	LENGTH		WEIGHT		FINISH / AVAILABILITY			ORDER EXAMPLE
	IN	MM	LBS	KG	PG	GC	BL	
UFCN 150	6	150	2.5	1.0	S	M	M	UFCN 150PG
UFCN 200	8	200	2.7	1.2	M	M	M	
UFCN 300	12	300	3.0	1.4	M	M	M	

S - NORMALLY STOCKED M - MADE TO ORDER

UC 50
CABLE TRAY STANDOFF



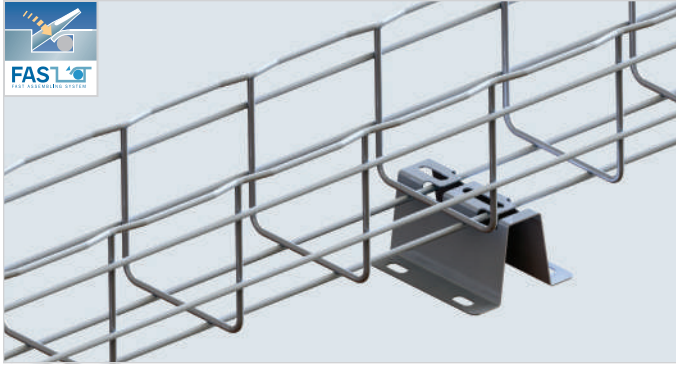
- Attaches 2" wide tray to floor and channel framing.
- Fold over tabs secure tray without wire and cable hangers.
- Stand-off height is 0.3" (8mm).



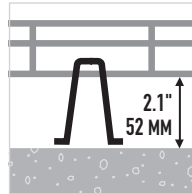
	WEIGHT		FINISH / AVAILABILITY				ORDER EXAMPLE
	LBS	KG	PG	GC	316L	BL	
UC50	0.1	0.06	S	S	S	M	UC50PG

S - NORMALLY STOCKED M - MADE TO ORDER

UFS60/100 UNDER FLOOR SUPPORT



- Pre-drilled mounting holes make installations easy.
- UFS can be used as a stand off support on equipment cabinets to avoid covering ventilation fans.
- Saves installation time—patented FAS style attachment holds tray secure without nuts and bolts.

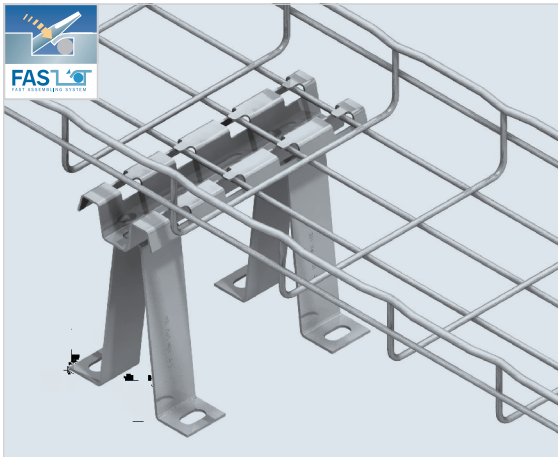


100 – 200 MM	x1
300 – 450 MM	x2
500 MM	x3

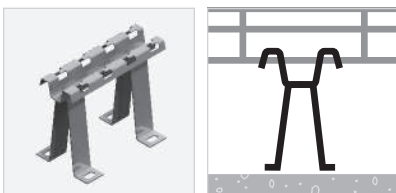
	WIDTH		LENGTH		WEIGHT		PG	FINISH / AVAILABILITY			ORDER EXAMPLE
	IN	MM	IN	MM	LBS	KG		GC	316L	BL	
UFS 60/100	3.2	60	4.0	100	0.2	0.1	S	M	M	M	UFS 60/100PG

S - NORMALLY STOCKED M - MADE TO ORDER

UFS UNDER FLOOR SUPPORT BRACKET



- Raises cable pathway within easy reach of floor openings.
- Slotted mounting holes allow for quick attachment to floor deck.
- Installs quickly – patented FAS locking tabs require no additional hardware to secure tray.
- Supports tray independently of raised floor systems.
- UFSS - Pregalvanized Strut is available.



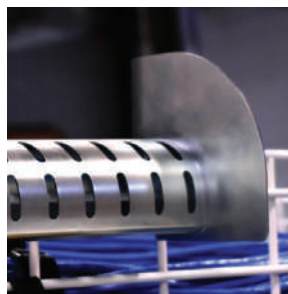
	HEIGHT		LENGTH		FOR TRAY SIZE		WEIGHT		FINISH / AVAILABILITY		ORDER EXAMPLE
	IN	MM	IN	MM	IN	MM	LBS	KG	PG		
UFS 100/150	4.0	100	6.0	150	6.0	150	1.7	0.77	S		UFS 100/150PG
UFS 100/200	4.0	100	8.0	200	8.0	200	1.9	0.86	M		
UFS 100/300	4.0	100	12.0	300	12.0	300	2.1	0.95	S		
UFS 100/450	4.0	100	18.0	450	18.0	450	2.4	1.09	M		
UFS 100/500	4.0	100	20.0	500	20.0	500	2.5	1.13	M		
UFS 150/150	6.0	150	6.0	150	6.0	150	2.1	0.93	M		
UFS 150/200	6.0	150	8.0	200	8.0	200	2.3	1.06	S		
UFS 150/300	6.0	150	12.0	300	12.0	300	2.5	1.15	S		
UFS 150/450	6.0	150	18.0	450	18.0	450	2.8	1.29	M		
UFS 150/500	6.0	150	20.0	500	20.0	500	2.9	1.33	M		
UFS 200/150	8.0	200	6.0	150	6.0	150	2.5	1.12	S		
UFS 200/200	8.0	200	8.0	200	8.0	200	2.8	1.25	S		
UFS 200/300	8.0	200	12.0	300	12.0	300	3.0	1.34	M		
UFS 200/450	8.0	200	18.0	450	18.0	450	3.3	1.48	M		
UFS 200/500	8.0	200	20.0	500	20.0	500	3.4	1.52	M		
UFS 300/150	12.0	300	6.0	150	6.0	150	3.3	1.50	M		
UFS 300/200	12.0	300	8.0	200	8.0	200	3.6	1.63	M		
UFS 300/300	12.0	300	12.0	300	12.0	300	3.8	1.72	S		
UFS 300/450	12.0	300	18.0	450	18.0	450	4.1	1.86	M		
UFS 300/500	12.0	300	20.0	500	20.0	500	4.2	1.91	M		

DROP OUTS

- A.41** **CABLEXIT**
CABLE EXIT
- A.41** **DROP OUT KIT**
CABLE DROP OUT KIT
- A.42** **OTDOFAS**
OVER-THE-TOP DROP OUT
- A.42** **CABLEXIT50**
CABLE EXIT
- A.43** **UDO**
CABLE EXIT
- A.43** **CDO**
CABLE EXIT



The Cablofil product line from Legrand features specific use dropouts for copper and fiber optic cabling. All dropouts are specifically designed for Cablofil tray and easy to attach in thru-tray or over-the-side options.



CORRECT PRODUCT CODE USAGE

Product code identifies part type and size.
Do not include spaces between letters or numbers

Each product code must include a finish code.

Global product reference code is located in the index

WIRE MESH NUMBERING EXAMPLE:

CABLEXIT100PG

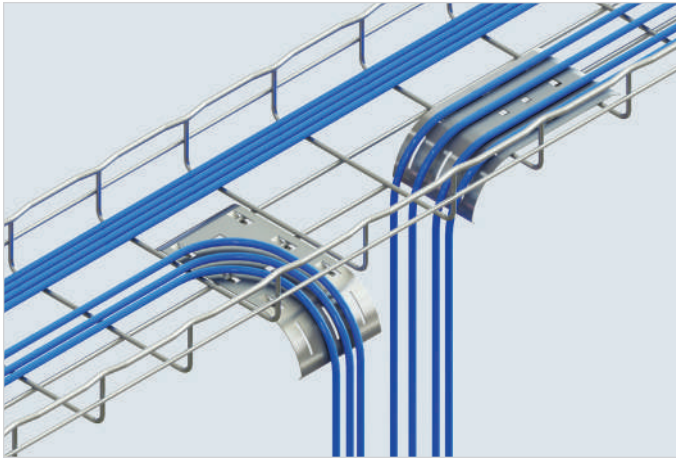
PRODUCT CODE
This identifies part type and size.

→ FINISH CODE

EZ	Electro Zinc
PG	Pre-Galvanized
GC	Hot Dipped Galvanized
304L	Stainless Steel 304L
316L	Stainless Steel 316L
BL	Black Painted
PE	Custom Painted
WH	White Painted

Not all finishes available for every product.
Refer to product chart for detailed availability.

CABLEXIT CABLE EXIT



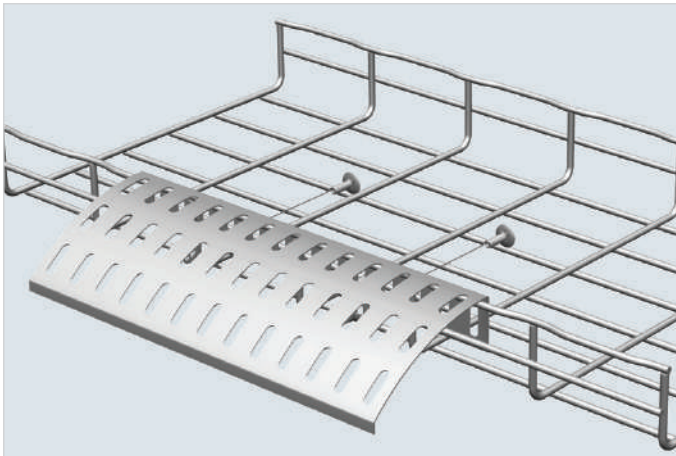
- Protects cables when exiting and entering tray.
- Snap-in mounting tabs eliminate the need for attachment hardware and speeds install time.
- Width 3.5"/90mm



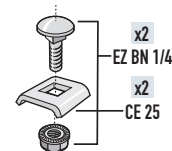
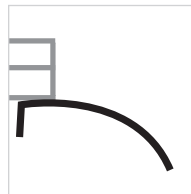
	WEIGHT		PG	FINISH / AVAILABILITY			ORDER EXAMPLE
	LBS	KG		GC	316L	BL	
CABLEXIT100	0.1	0.06	S	M	S	S	CABLEXIT100PG

S - NORMALLY STOCKED M - MADE TO ORDER

DROP OUT KIT CABLE DROP OUT KIT



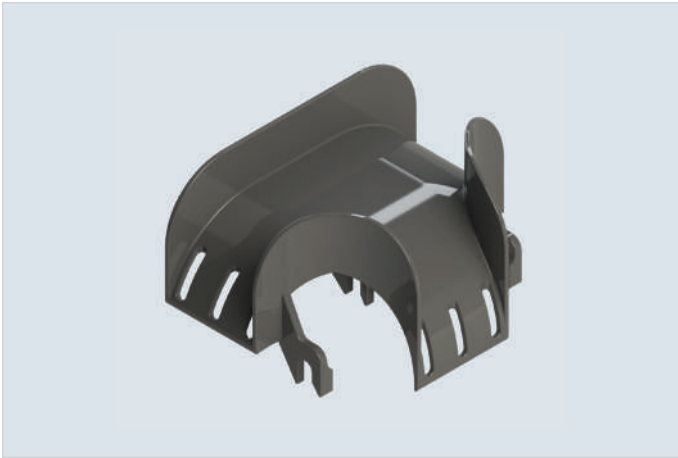
- Protects cables when exiting and entering tray. Slotted design allows for cable tie or velcro tiwrap cable attachment.
- 7" radius bend eases strain on cables.
- Kit contains two EZ BN 1/4 and two CE 25 with one DROP OUT.



	LENGTH		WEIGHT		PG	FINISH / AVAILABILITY			ORDER EXAMPLE
	IN	MM	LBS	KG		GC	316L	BL	
DROP OUT KIT	12.25	311	0.9	0.4	S	S	M	S	DROP OUT KITPG

S - NORMALLY STOCKED M - MADE TO ORDER

OTDOFAS
OVER-THE-TOP DROP OUT

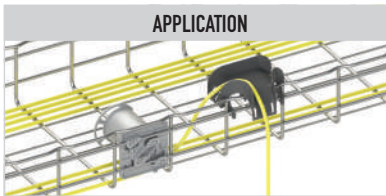


- Smooth, curved design keeps eliminates sharp bends for fiber-optic cabling
- Durable polycarbonate material
- Use built-in hold down slots for securing cables
- Snaps in place without additional hardware
- Allows cable to exit side of cable pathway without cutting tray wires
- Fits CF54/200-600 trays and CF105/150-600 trays
- Patent pending

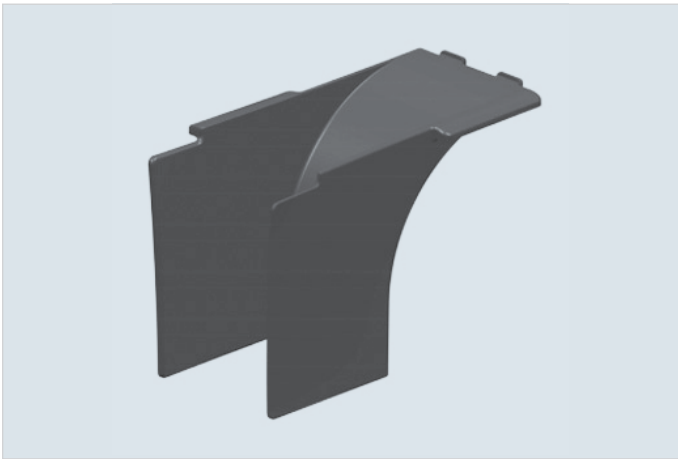
	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY	ORDER EXAMPLE
		LBS	KG		
OTDOFAS	1	.066	.029	PL* M	OTDOFASPL

*PL = Plastic

S - NORMALLY STOCKED M - MADE TO ORDER



CABLEXIT50
CABLE EXIT



- Recommended for electrical, telecommunication and fiber-optic cabling
- Keeps cables from deforming when entering and exiting tray
- Plastic construction is durable and corrosion resistant
- Snaps into place without attachment hardware
- CABLEXIT can be installed in a continuous row without modification
- Fits any Cablofil cable management tray
- UL 94V0 Rated

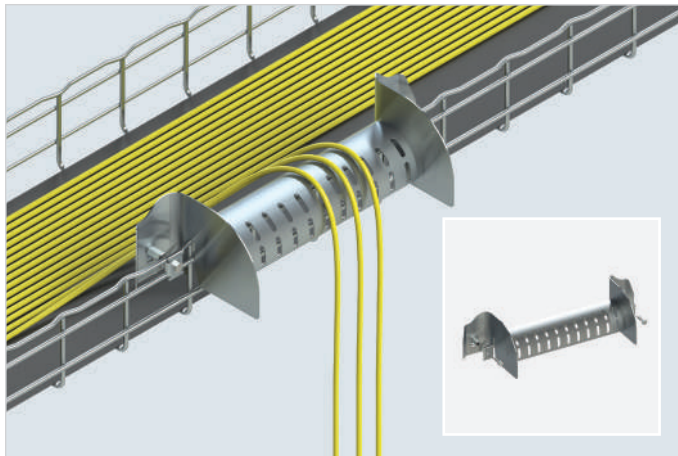
PKG. QTY.						WEIGHT		FINISH / AVAILABILITY	ORDER EXAMPLE
		IN	MM	IN	MM	LBS	KG	PL*	
CABLEXIT50	1	2	50	4	100	.024	.010	S	CABLEXIT50PL

*PL = Plastic

S - NORMALLY STOCKED M - MADE TO ORDER



UDO CABLE EXIT

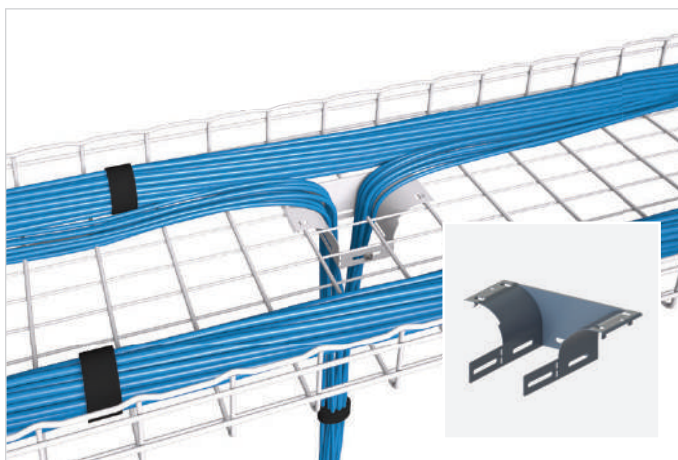


- Ideal dropout for copper, fiber optic or PoE cabling
- Available in 8", 12", 18" and 24" wide versions
- 2" tall side rails keep cables within pathway
- The 180 bend ensures a smooth transition for cables
- Slot design allows for simple installation – all mounting hardware included
- Mounts without cutting or modifying tray
- Use tie down slots to secure cables exiting and entering the tray

	WIDTH		WEIGHT		FINISH / AVAILABILITY		ORDER EXAMPLE
	IN	MM	LBS	KG	EZ	BL	
UDO 8	8	200	1.90	0.86	S	M	UDO8KITEZ
UDO 12	12	300	2.31	1.04	S	S	
UDO 18	18	450	3.12	1.41	S	S	
UDO 24	24	600	3.72	1.68	S	S	

S - NORMALLY STOCKED M - MADE TO ORDER

CDO CABLE EXIT



- Add CDO before or after cabling is installed
- Available in electrozinc, white, black or custom colors
- Snaps in place for quick and simple installation
- Connects 4" wide vertical wire mesh easily
- Mates with 4" wide Ortronics endcap and inner duct
- Provides smooth surface for horizontal cable direction changes
- Provides support for full 90° transition bend, ensures no potential pinch points or kinks
- Tie down slots to direct and secure cables as they exit
- Easy to move as your needs change

	WIDTH		COLOR	ORDER EXAMPLE
	IN	MM		
CDO100KITBL	4	100	Black	CDO100KITBL
CDO100KITWH	4	100	White	
CDO100KITPE	4	100	Custom Color	
CDO100KITEZ	4	100	Electrozinc	

WIRE MESH NUMBERING EXAMPLE:

UDO8KITEZ → FINISH CODE

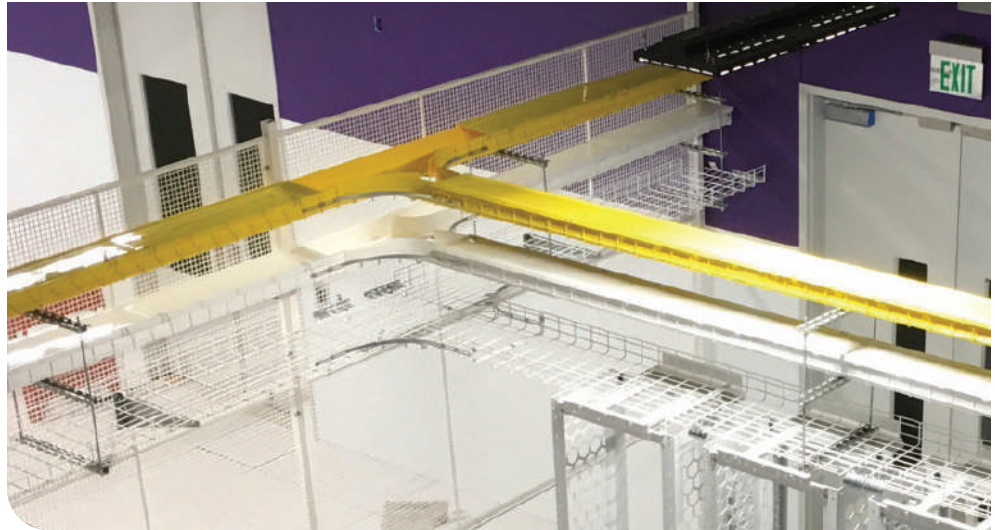
PRODUCT CODE
This identifies part type and size.

EZ	Electrozinc
PG	Pre-Galvanized
GC	Hot Dipped Galvanized
304L	Stainless Steel 304L
316L	Stainless Steel 316L
BL	Black Painted
PE	Custom Painted
WH	White Painted

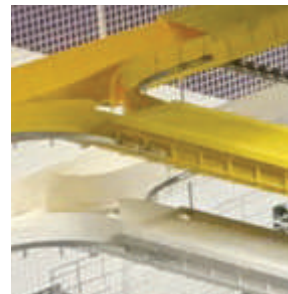
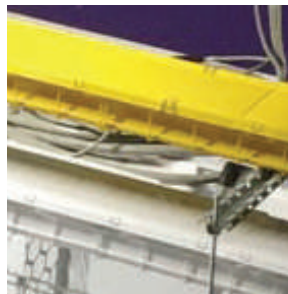
Not all finishes available for every product.
Refer to product chart for detailed availability.

INSERTS

- A.45** **INSERT**
TRAY INSERT
- A.45** **INSERTPP**
PLASTIC INSERTS
- A.46** **EZT90RS**
90° RADIUS SHIELDS
- A.46** **RADT90RS**
90° RADIUS SHIELDS
- A.47** **HTB**
HORIZONTAL TEE BRIDGE
- A.47** **HXB**
HORIZONTAL CROSS BRIDGE



Smooth cable pathways are essential for fiber optic cabling. Now Legrand has expanded their line of Cablofil tray inserts, radius shields and bridges. The results are a highly functional and visually pleasing cable tray installation that can be updated and expanded with ease.



CORRECT PRODUCT CODE USAGE

Product code identifies part type and size.
Do not include spaces between letters or numbers

Each product code must include a finish code.

Global product reference code is located in the index

WIRE MESH NUMBERING EXAMPLE:

INSERT100PG

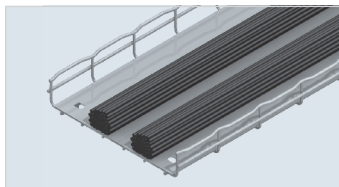
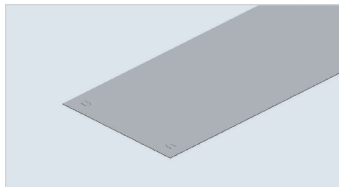
PRODUCT CODE

This identifies part type and size.

→ FINISH CODE

EZ	Electro zinc
PG	Pre-Galvanized
GC	Hot Dipped Galvanized
YL	Yellow Painted
BL	Black Painted
WH	White Painted
PL	Plastic

INSERT TRAY INSERT

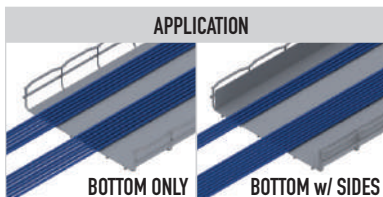


- Metal tray insert.
- Use Tray Insert to protect cables in underside of tray.
- Bend over tabs to secure insert to tray.
- 2-5' tray inserts are included in each package to cover one 10' section of tray

	PKG. QTY.	WIDTH		LENGTH		WEIGHT		FINISH / AVAILABILITY			ORDER EXAMPLE
		IN	MM	IN	MM	LBS	KG	PG	GC	BL	
Insert 100	2	3.39	86	58.75	1.5	2.5	1.1	M	M	M	Insert 100PG
Insert 150	2	5.39	137	58.75	1.5	4.47	2.0	M	M	M	
Insert 200	2	7.36	187	58.75	1.5	5.0	2.3	M	M	M	
Insert 300	2	11.34	288	58.75	1.5	8.6	3.9	S	M	S	
Insert 450	2	17.36	441	58.75	1.5	12.5	5.7	S	M	M	
Insert 500	2	19.33	491	58.75	1.5	13.75	6.2	M	M	M	
Insert 600	2	23.39	594	58.75	1.5	15.0	6.8	M	M	M	
Insert 900	2	35.20	894	58.75	1.5	52.5	23.8	M	M	M	

S - NORMALLY STOCKED M - MADE TO ORDER

INSERTPP PLASTIC INSERTS



- 17 mil thickness creates a smooth cable pathway in Cablofil cable management
- Bottom only insert fits 100 to 600 wide tray
- Bottom with sides insert fits CF54, CF105 and CF150 tray in widths from 100 to 600
- Bottom with sides insert is perforated to easily form sides
- Flame Class per UL 94 V-0
- RoHS Compliant
- UV Retardant

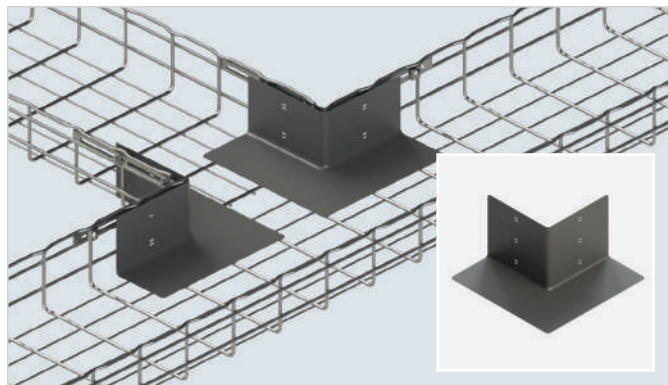
	WIDTH		TRAY HEIGHT		LENGTH		WEIGHT		FINISH / AVAILABILITY			ORDER EXAMPLE
	IN	MM	IN	MM	FT	M	LBS	KG	YL	WH	BL	
BOTTOM ONLY												INSERTPP100BL
INSERTPP100	4	100	-	-	200	60	7.1	3.22	M	M	M	
INSERTPP150	6	150	-	-	200	60	10.8	4.9	M	M	M	
INSERTPP200	8	200	-	-	200	60	14.5	6.58	M	M	M	
INSERTPP300	12	300	-	-	200	60	21.1	9.57	M	M	M	
INSERTPP450	18	450	-	-	200	60	33	14.96	M	M	M	
INSERTPP500	20	500	-	-	200	60	36.7	16.64	M	M	M	
INSERTPP600	24	600	-	-	200	60	44.1	20	M	M	M	
BOTTOM w/ SIDES												INSERTPP54/100BL
INSERTPP54/100	4	100	2	54	200	60	10.8	4.77	M	M	M	
INSERTPP54/150	6	150	2	54	200	60	13.2	5.97	M	M	M	
INSERTPP54/200	8	200	2	54	200	60	18.3	8.25	M	M	M	
INSERTPP54/300	12	300	2	54	200	60	24.4	11.02	M	M	M	
INSERTPP54/450	18	450	2	54	200	60	29.04	13.20	M	M	M	
INSERTPP54/500	20	500	2	54	200	60	31.76	14.44	M	M	M	
INSERTPP105/100	4	100	4	105	200	60	15.73	7.14	M	M	M	
INSERTPP105/150	6	150	4	105	200	60	18.4	8.34	M	M	M	
INSERTPP105/200	8	200	4	105	200	60	21.04	9.54	M	M	M	
INSERTPP105/300	12	300	4	105	200	60	26.3	11.95	M	M	M	
INSERTPP105/450*	18	450	4	105	200	60	42.4	19.25	M	M	M	
INSERTPP105/500*	20	500	4	105	200	60	39.8	18.05	M	M	M	
INSERTPP105/600*	24	600	4	105	200	60	50.38	22.85	N/A	M	M	
INSERTPP150/150	6	150	6	150	200	60	23.67	10.76	M	M	M	
INSERTPP150/200	8	200	6	150	200	60	28.12	12.78	M	M	M	
INSERTPP150/300	12	300	6	150	200	60	31.63	14.38	M	M	M	
INSERTPP150/450*	18	450	6	150	200	60	48.51	22.05	M	M	M	
INSERTPP150/500*	20	500	6	150	200	60	45.08	21.85	M	M	M	
INSERTPP150/600*	24	600	6	150	200	60	50.29	22.86	M	M	M	

*Size requires two overlapping sections, included

S - NORMALLY STOCKED M - MADE TO ORDER

EZT90RS

90° RADIUS SHIELDS



- Use in conjunction with EZT 90 KIT
- Protects cable from rough edges at cable pathway junctions
- Slotted, ABS design installs with zip ties (included)
- One size fits CF54, CF105 and CF150 tray heights – just trim to fit
- Sold in pairs

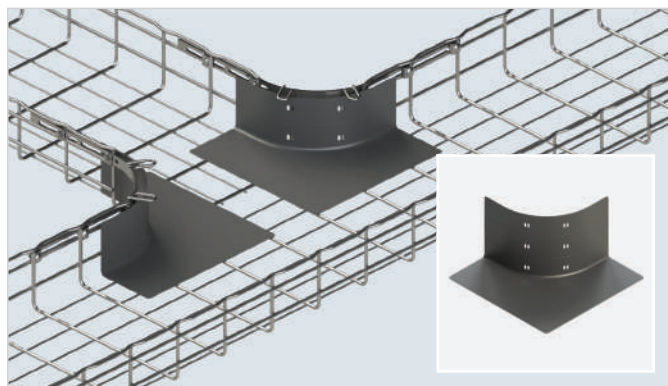
	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY	ORDER EXAMPLE
		LBS	KG		
EZT90RS	1	.208	.094	PL*	EZT90RSPL

*PL = Plastic

S - NORMALLY STOCKED M - MADE TO ORDER

RADT90RS

90° RADIUS SHIELDS



- Use in conjunction with RADT 90 KIT
- Protects cable from rough edges at cable pathway junctions
- Slotted, ABS design installs with zip ties (included)
- One size fits CF54, CF105 and CF150 tray heights – just trim to fit
- Sold in pairs

	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY	ORDER EXAMPLE
		LBS	KG		
RADT90RS	1	.197	.089	PL*	EZT90RSPL

*PL = Plastic

S - NORMALLY STOCKED M - MADE TO ORDER

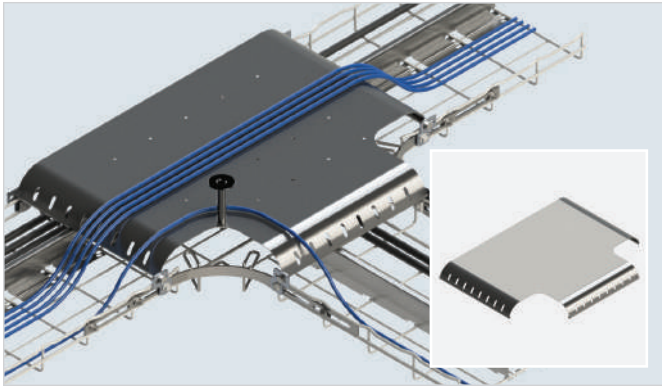
WIRE MESH NUMBERING EXAMPLE:

EZT90RSPL → FINISH CODE

PRODUCT CODE
This identifies part type and size.

EZ	Electrozinc
PG	Pre-Galvanized
GC	Hot Dipped Galvanized
YL	Yellow Painted
BL	Black Painted
WH	White Painted
PL	Plastic

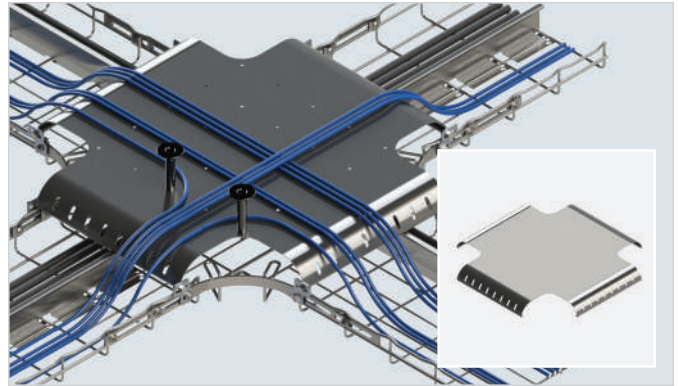
HTB HORIZONTAL TEE BRIDGE



- Keeps cabling separated in horizontal tray crossings
- Durable steel construction with Pre-galvanized and Black powder coated finishes
- Mounts to tray with included BC1 Bridge Clip and self-tapping screws
- Use cable ties in slotted holes to secure cables
- All mounting holes are pre-drilled
- Use on CF54, CF105 and CF150 tray
- Patent pending
- Contact manufacturer for other sizes



HXB HORIZONTAL CROSS BRIDGE



BH75KIT - BRIDGE HORN KIT



- Mounts to any bridge with predrilled holes
- Keeps cables from leaving the cable pathway.
- Available in black plastic

	WEIGHT		FINISH / AVAILABILITY	ORDER EXAMPLE
	LBS	KG	BL	
BH75KIT	0.22	0.10	M	BH75KITBL

S - NORMALLY STOCKED M - MADE TO ORDER

	TRAY WIDTH		TRAY WIDTH 2		WEIGHT		FINISH / AVAILABILITY		ORDER EXAMPLE
			IN	MM	LBS	KG	EZ	BL	
HTB300	12	300	12	300	7.22	3.28	M	M	HTB300KITEZ
HTB450	18	450	18	450	13.07	5.94	M	M	
HXB300	12	300	12	300	8.73	3.97	M	M	
HXB600	24	600	18	600	16.17	7.35	M	M	

S - NORMALLY STOCKED M - MADE TO ORDER

ACCESSORIES

- A.49 GND SB**
GROUNDING LUG
- A.49 GND CL**
GROUNDING LUG
- A.49 SCMT**
HOOK
- A.50 C50CC**
CONDUIT CLAMP KIT
- A.50 CC KIT**
CONDUIT CLAMP KIT
- A.51 CE40CC / CH**
CONDUIT ATTACHMENT FITTINGS/
CONDUIT CLAMP KIT
- A.51 YCKIT**
YOKE CLAMP KIT
- A.52 CM50I**
INDUSTRIAL BOX
MOUNTING BRACKET
- A.52 TC4KIT/TC5KIT**
TWIST-ON METALLIC
JUNCTION BOXES
- A.53 C 50**
ELECTRICAL BOX SUPPORT
- A.53 SBDA**
CONDUIT AND BOX SUPPORT
- A.54 AB225 KIT**
ANGLE BRACKET
- A.54 TOH**
FIBER-OPTIC TWIST-ON HORN
- A.55 FS 41**
FASTRUT CONNECTOR
- A.55 CAT 40**
SNAP-ON J-HOOK TO
WIRE MESH TRAY
- A.55 WMC2LA**
WIRE MESH CABLE
TRAY-TO-LADDER CLAMP
- A.56 EZVC**
VELCRO ROLL



Accessories in the Cablofil product line allow installers to connect with other cabling structures like conduit, racks electrical boxes and ladder tray. Every product makes connections easy and fast to keep productivity up on every project.

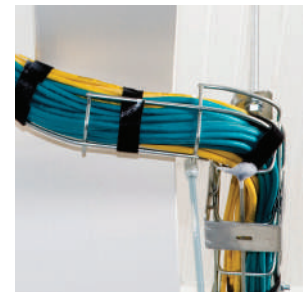
A.56 CLIP
CABLE LABEL CLIP

A.57 FAS ROLLER
CABLE GUIDE

A.57 ED 1100

A.57 EZ BN

A.57 CE25



CORRECT PRODUCT CODE USAGE

Product code identifies part type and size.
Do not include spaces between letters or numbers

Each product code must include a finish code.

Global product reference code is located in the index

WIRE MESH NUMBERING EXAMPLE:

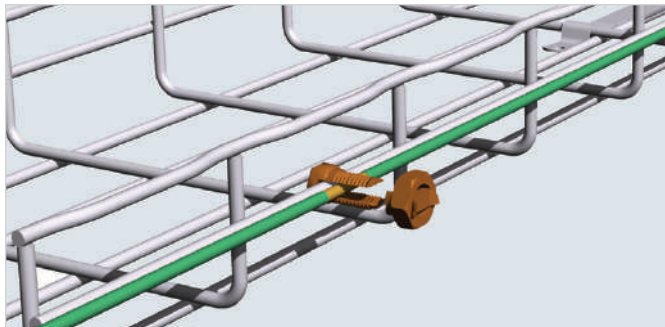
SCMT PG

PRODUCT CODE
This identifies part type and size.

→ **FINISH CODE**

EZ	Electro zinc
PG	Pre-Galvanized
GC	Hot Dipped Galvanized
DC	Geomet
304L	Stainless Steel 304L
316L	Stainless Steel 316L
BL	Black Painted
WH	White Painted

GNSB GROUNDING LUG

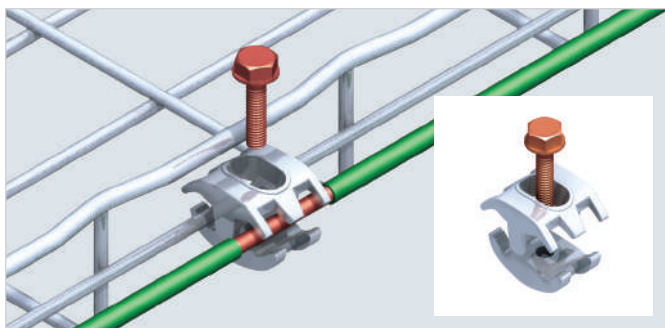


- Accommodates AWG 3-14 grounding wires.
- Use one GNSB every 60' and/or at the end of each tray run. If tray is used as an Equipment Grounding Conductor, use one on each section of tray for a code compliant installation.
- Works with any size Cablofil tray.
- UL Listed, CSA Approved.

	WEIGHT		AVAILABILITY	ORDER EXAMPLE
	LBS	KG		
GNSB	0.07	0.03	S	GNSB

S - NORMALLY STOCKED M - MADE TO ORDER

GNDCL GROUNDING LUG

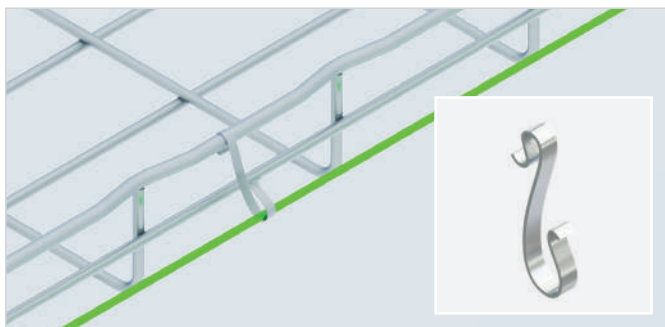


- Accommodates AWG 1/0 - #6 grounding wires.
- Use one GNDCL every 60' and/or at the end of each tray run. If tray is used as an Equipment Grounding Conductor, use one on each section of tray for a code compliant installation.
- Works with any size Cablofil tray.
- UL Listed, CSA approved.
- Tin-Plated Copper Alloy

	WEIGHT		AVAILABILITY	ORDER EXAMPLE
	LBS	KG		
GNDCL	0.2	0.1	S	GNDCL

S - NORMALLY STOCKED M - MADE TO ORDER

SCMT HOOK

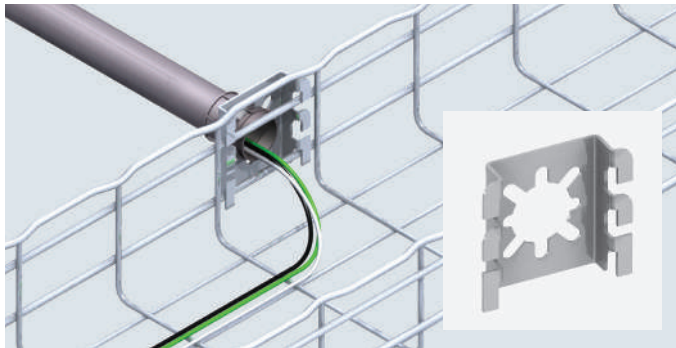


- SCMT snaps onto the top wire of tray to support grounding cabling.
- Works with any size Cablofil tray

	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY		ORDER EXAMPLE
		LBS	KG	PG	BL	
SCMT	100	0.66	0.30	S	S	SCMTPG

S - NORMALLY STOCKED M - MADE TO ORDER

C50CC CONDUIT CLAMP KIT

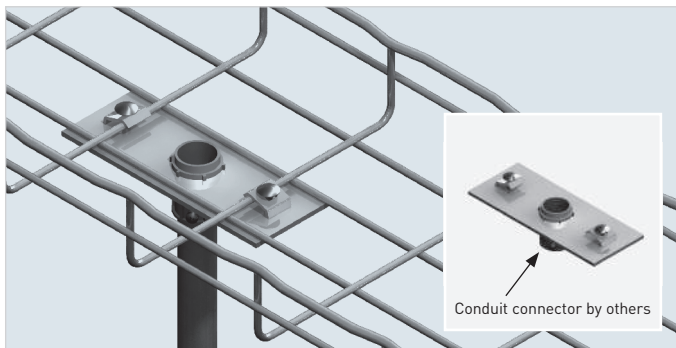


- Secures 1/2" to 1-1/2" conduit to any size Cablofil tray.
- Installs quickly – patented FAS locking tabs require no additional hardware to secure to tray.
- Attach conduit to C50CC after attachment to tray with conduit connector (not included).
- Other finishes available upon request.

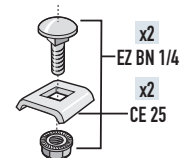
	PKG. QTY.	WIDTH		CONDUIT DIAMETER		WEIGHT		FINISH / AVAILABILITY	ORDER EXAMPLE
		IN	MM	IN	MM	LBS	KG	PG	
C50CC12	1	0.88	22.2	0.5	12.7	0.21	0.10	S	C50CC12PG
C50CC34	1	1.13	28.6	0.75	19.0	0.21	0.10	S	
C50CC1	1	1.38	34.9	1.0	25.4	0.20	0.09	S	
C50CC114	1	1.75	44.5	1.25	31.7	0.20	0.09	S	
C50CC112	1	2.00	50.8	1.5	38.1	0.20	0.09	M	

S - NORMALLY STOCKED M - MADE TO ORDER

CC KIT CONDUIT CLAMP KIT



- Allows for easy connection to cable drops in EMT with conduit connector (not included).
- Attaches 1/2" to 4" conduit to any size Cablofil tray.
- Kit includes: one connector plate, two CE 25 washers and two EZ BN 1/4 Bolt/Nut.
- Remove one longitudinal wire (between adjacent cross wires of WMCT) on CCKITs 112 and larger where necessary on WMCT to accommodate conduit fittings clearance.
- Other finishes available upon request.
- UL Classified

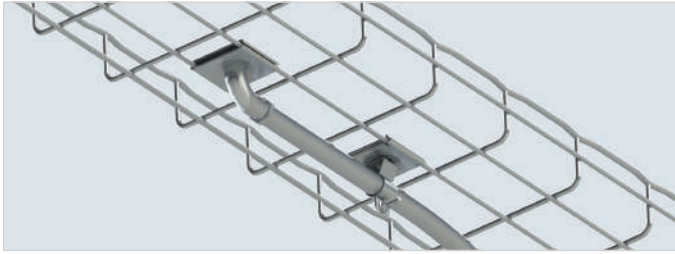


	OPENING		WEIGHT		LOAD RATING		FINISH / AVAILABILITY	ORDER EXAMPLE
	IN	MM	LBS	KG	LBS	KG	PG	
CC12KIT	0.5	12.7	0.55	0.25	150.0	68.0	M	CC12KITPG
CC34KIT	0.75	19.0	0.55	0.25	150.0	68.0	S	
CC1KIT	1.0	25.4	0.54	0.25	190.0	86.2	M	
CC114KIT	1.25	31.7	0.53	0.24	225.0	102.1	M	
CC112KIT	1.5	38.1	0.52	0.24	250.0	113.4	M	
CC2KIT	2.0	50.8	0.51	0.23	300.0	136.1	M	
CC212KIT	2.5	63.5	0.75	0.34	375.0	170.1	M	
CC3KIT	3.0	76.0	0.75	0.34	500.0	226.8	M	
CC312KIT	3.5	88.9	0.89	0.40	600.0	272.6	M	
CC4KIT	4.0	101.0	1.0	0.47	700.0	317.5	M	

S - NORMALLY STOCKED M - MADE TO ORDER

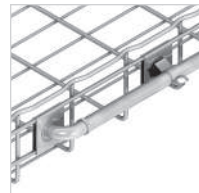
CE40CC / CH

CONDUIT ATTACHMENT FITTINGS / CONDUIT CLAMP KIT



- Secures conduit to Cablofil tray.
- For Bottom Mounting – works with all Cablofil tray. For Side Mounting – works only with CF 105 and CF 150 tray series.
- CE 40 CC attaches 1/2" to 1-1/4" conduit diameters.
- CH Kit secures 1/2" to 4" conduit diameters.
- CH Kit includes: two CE 40 washers, one EZ BN 1/4 and one Conduit Hanger.
- Other finishes available upon request.

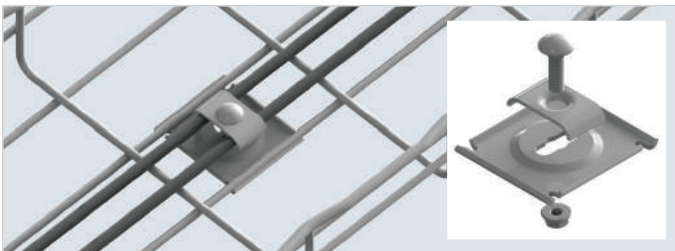
	PKG. QTY.	FOR CONDUIT SIZE	WEIGHT		FINISH / AVAILABILITY		ORDER EXAMPLE
			LBS	KG	EZ	BL	
CE40CC12	10	0.5	0.22	0.10	M	N/A	CE40CC12EZ
CE40CC34	10	0.75	0.21	0.10	M	M	
CE40CC1	10	1.0	0.20	0.09	M	M	
CE40CC114	10	1.25	0.19	0.09	M	M	
CH12 KIT	1	0.5	0.27	0.12	M	M	
CH34 KIT	1	0.75	0.28	0.13	M	M	
CH1 KIT	1	1.0	0.29	0.13	M	M	
CH114 KIT	1	1.25	0.30	0.14	M	M	
CH112 KIT	1	1.5	0.36	0.16	M	M	
CH2 KIT	1	2.0	0.40	0.18	M	M	
CH212 KIT	1	2.5	0.45	0.20	M	M	
CH3 KIT	1	3.0	0.50	0.23	M	M	
CH312 KIT	1	3.5	0.67	0.30	M	M	
CH4 KIT	1	4.0	0.91	0.41	M	M	



S - NORMALLY STOCKED M - MADE TO ORDER

YCKIT

YOKE CLAMP KIT

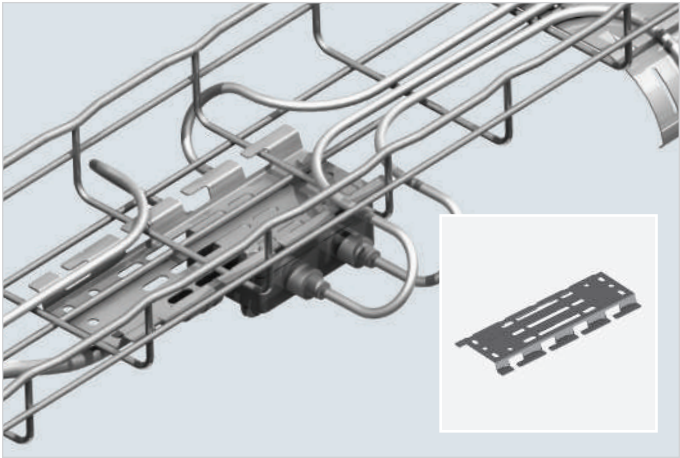


- Secures tubing to Cablofil tray to resist vibration in industrial applications.
- Accommodates up to 1/2" tubing.
- Each kit includes: one YC Yoke Clamp, one CE 40 Washer and one EZBN 1/4 Bolt/Nut.

	PKG. QTY.	NO. OF TUBES	TUBE DIAMETER		WEIGHT		FINISH / AVAILABILITY	ORDER EXAMPLE
			IN	MM	LBS	KG		
YC214KIT	10	2	0.25	6.35	1.17	0.53	316L	YC214KIT316L
YC238KIT	10	2	0.375	9.52	1.20	0.54	M	
YC212KIT	10	2	0.5	12.7	1.32	0.60	M	
YC414KIT	10	4	0.25	6.35	1.34	0.61	M	
YC438KIT	10	4	0.375	9.52	1.47	0.66	M	

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CM50I
INDUSTRIAL BOX MOUNTING BRACKET

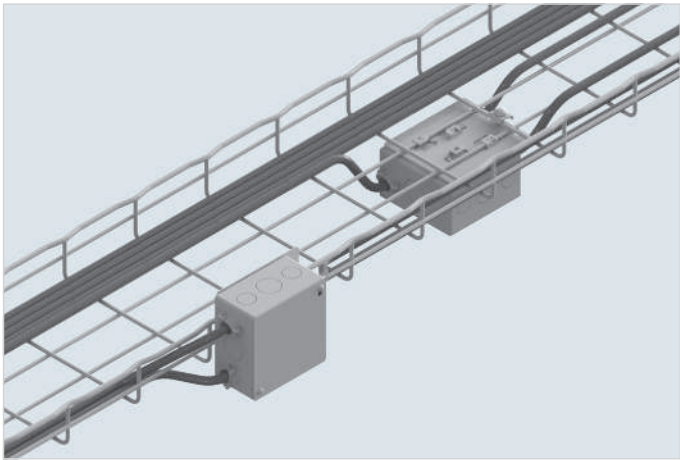


- FAS style tabs secures bracket to tray without additional hardware.
- Slotted mounting hole design allows for less-than-perfect hole alignment.

WEIGHT			FINISH / AVAILABILITY				ORDER EXAMPLE
	LBS	KG	PG	GC	316L	BL	
CM50I	0.33	0.15	M	M	M	M	CM50IPG

S - NORMALLY STOCKED M - MADE TO ORDER

TC4KIT
TWIST-ON METALLIC JUNCTION BOXES



- Easy 45° twist-on attachment to any CF Series Cablofil tray.
- Available in 4" box sizes.
- Boxes feature standard knockouts on 4 sides.
- Flat covers, mounting screws, box and bonding hardware are included in kit.
- UL Classified.
- Designed to accept all NEMA standard face plates and plaster rings.

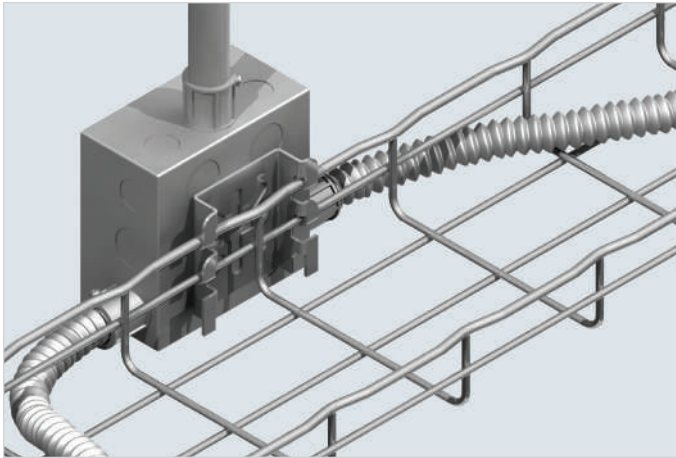


HEIGHT			WIDTH		DEPTH		WEIGHT		FINISH / AVAILABILITY	ORDER EXAMPLE
	IN	MM	IN	MM	IN	MM	LBS	KG	PG	
TC4KIT	4.0	102	4.8	122	2.0	50	1.2	0.5	S	TC4KITPG

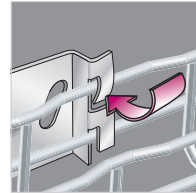
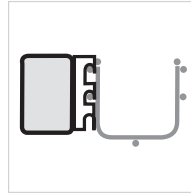
S – NORMALLY STOCKED M – MADE TO ORDER

C 50

ELECTRICAL BOX SUPPORT



- Mount electrical boxes and lighting fixtures directly to cable tray.
- Slotted mounting holes allow for less-than-perfect hole alignment.
- Fold over tabs secure attachment to tray.

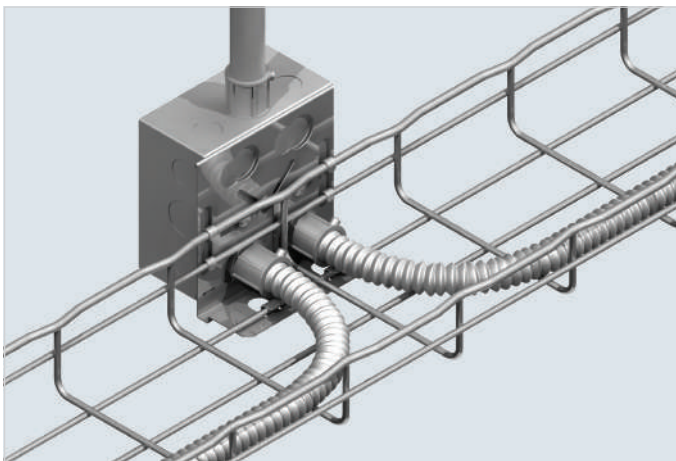


WEIGHT			FINISH / AVAILABILITY			ORDER EXAMPLE	
	LBS	KG	PG	GC	316L	BL	
C50	0.2	0.1	S	S	M	M	C50PG

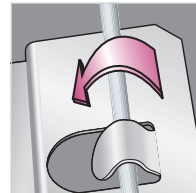
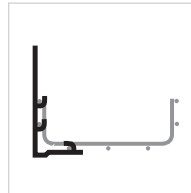
S - NORMALLY STOCKED M - MADE TO ORDER

SBDA

CONDUIT AND BOX SUPPORT



- Mount electrical boxes and conduit directly to Cablofil tray.
- Mounting holes accommodate 1/2" and 3/4" conduit.
- Slotted mounting holes allow for less-than-perfect hole alignment.
- Fold over tabs secure attachment to tray.



WEIGHT			FINISH / AVAILABILITY		ORDER EXAMPLE
	LBS	KG	PG	BL	
SBDA	0.2	0.1	S	M	SBDAPG

S - NORMALLY STOCKED M - MADE TO ORDER

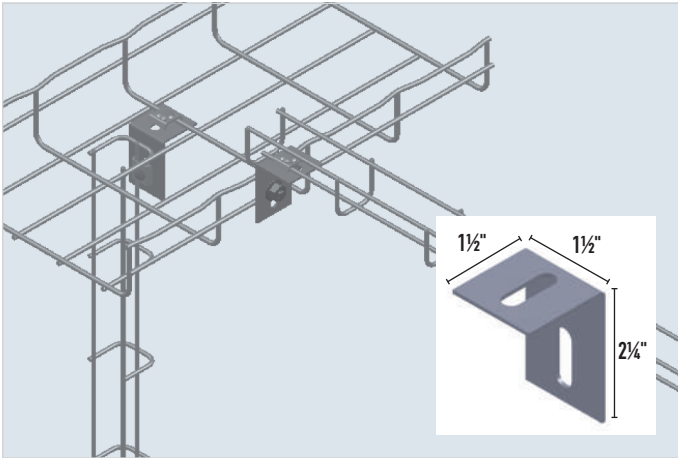
WIRE MESH NUMBERING EXAMPLE:

C50PG → FINISH CODE

PRODUCT CODE
This identifies part type and size.

EZ	Electrozinc
PG	Pre-Galvanized
GC	Hot Dipped Galvanized
DC	Geomet
304L	Stainless Steel 304L
316L	Stainless Steel 316L
BL	Black Painted
WH	White Painted

AB225 KIT
ANGLE BRACKET

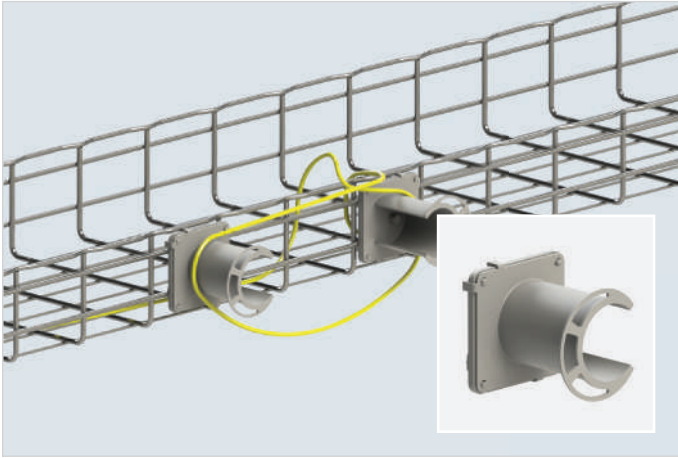


- Secures smaller tray runs to larger tray runs at right angles.
- Kit contains two EZ BN 1/4 Bolt/Nut and two CE 25 washers to secure tray.

	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY			ORDER EXAMPLE
		LBS	KG	PG	316L	BL	
AB225KIT	10	1.07	0.48	S	M	M	AB225KITPG

S - NORMALLY STOCKED M - MADE TO ORDER

TOH
FIBER-OPTIC TWIST-ON HORN



- Use to manage extra lengths of fiber-optic cabling
- Snaps onto side or bottom of any Cablofil cable pathway
- Use in singles, pairs or more
- ABS plastic construction is durable and corrosion resistant
- Kit includes one Plexo 80 Base and one Fiber-Optic Horn
- Requires no additional hardware for attachment

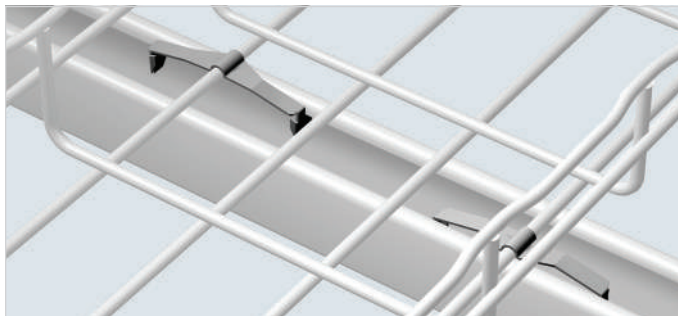
	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY		ORDER EXAMPLE
		LBS	KG	PL*	M	
TOH	1	.13	.05	M		TOHPL

*PL = Plastic

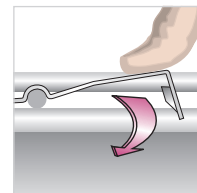
S - NORMALLY STOCKED M - MADE TO ORDER

FS 41

FASTRUT CONNECTOR



- FASTRUT attaches tray to strut without bolts and nuts or tools.
- Reduces installation time.
- Install FASTRUT on outer wires of tray, and both sides of the strut.
- 2 required for tray 12" or smaller.
- 3 required for tray 18" or larger.



	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY			ORDER EXAMPLE
		LBS	KG	DC	316L	BL	
FS 41	50	3.3	1.5	S	S	S	FS 41DC

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CAT 40

SNAP-ON J-HOOK TO WIRE MESH TRAY



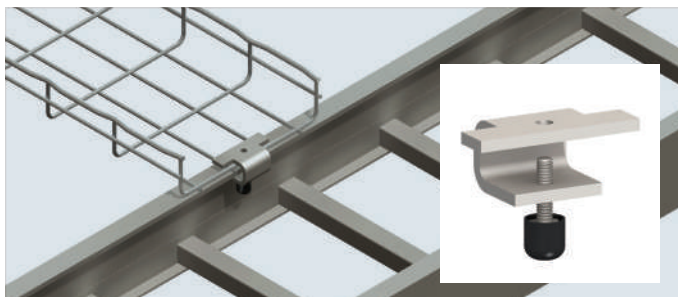
- See pg. D. 4 for J-Hooks that mount directly to Cablofil wire mesh tray.

	PKG. QTY.	SIZE		WEIGHT		FINISH / AVAILABILITY	ORDER EXAMPLE
		IN	MM	LBS	KG		
CJ12HCAT40EZ	10	0.75	19.05	0.1	0.04	EZ	CJ12HCAT40EZ
CJ21HCAT40EZ	10	1.312	33.32	0.1	0.06	S	
CJ32HCAT40EZ	10	2.0	50.8	0.2	0.09	S	

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WMC2LA

WIRE MESH CABLE TRAY-TO-LADDER CLAMP

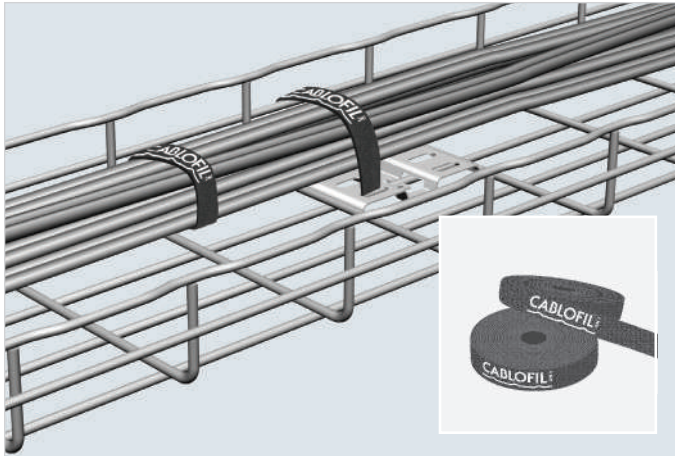


- This unique clamp allows tray to be attached to the side rails of any ladder tray and a pre-installed setscrew secures the junction for a secure installation.
- Bolt head protection cap included as shown

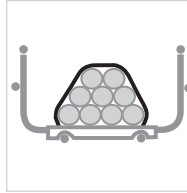
	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY			ORDER EXAMPLE
		LBS	KG	EZ	GC	304L	
WMC2LA	1	0.37	0.17	M	M	M	WMC2LAEZ

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EZVC VELCRO ROLL



- 1/2" velcro can be cut to fit any size cable bundle.
- Great for frequent cable changes.

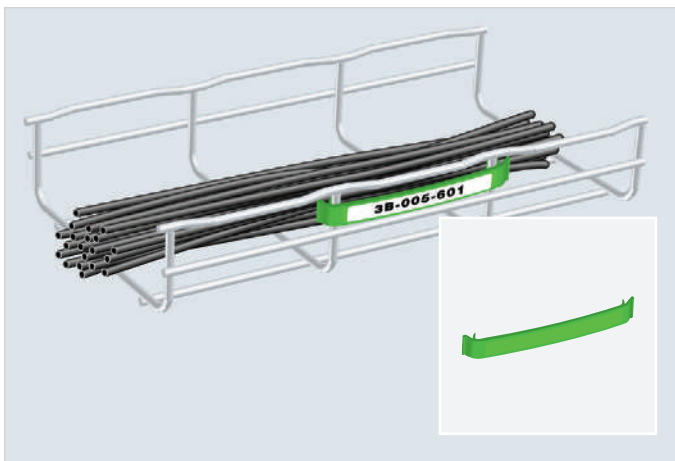


	LENGTH		WEIGHT		FINISH / AVAILABILITY	ORDER EXAMPLE
	FT	MM	LBS	KG	VC*	
EZVC	15/ROLL	7	0.1	0.05	M	EZVC

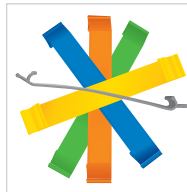
*VC = Velcro

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CLIP CABLE LABEL CLIP



- Use Cable Label Clips to identify cable runs.
- Color code makes identification easy.
- Durable poly material won't fade.

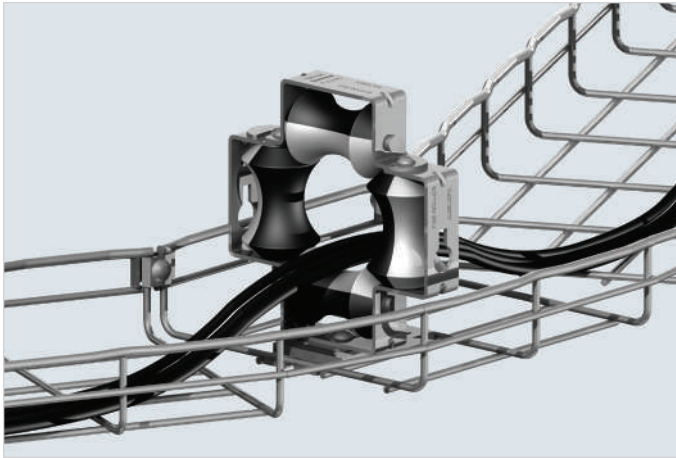


	PKG. QTY.	COLOR	WEIGHT		FINISH / AVAILABILITY	ORDER EXAMPLE
			LBS	KG	PL*	
CLIPBLACK	50	Black	0.009	0.004	M	CLIPBLACKPL
CLIPWHITE	50	White	0.009	0.004	M	
CLIPORANGE	50	Orange	0.009	0.004	M	
CLIPYELLOW	50	Yellow	0.009	0.004	M	
CLIPGREEN	50	Green	0.009	0.004	M	
CLIPBLUE	50	Blue	0.009	0.004	M	
CLIPGRAY	50	Gray	0.009	0.004	M	

*PL = Plastic

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FAS ROLLER CABLE GUIDE

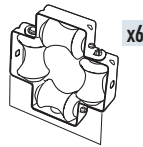
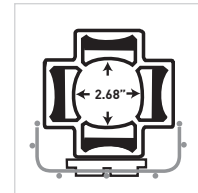
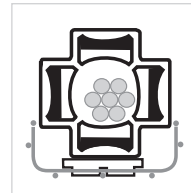


- Easy open gate allows full access to FAS Roller.
- Unique 4 roller design prevents cable snagging.
- Bi-color rollers show roller turn at a distance which prevents burning the cable while being pulled.
- Multifix™ poly swivel base attaches directly to Cablofil tray without tools.
- Can also be attached with bolts or handy clamp provided in kit.
- FAS Rollers are designed to be reused but may be installed as a permanent part of a tray installation for hard-to-reach areas; i.e. access floors or plenum's.
- May be used in horizontal and vertical pathways.
- Sold in sets of 6 – includes handy carrying case.
- Inside diameter is 2.688".
- Larger heavy duty roller available.

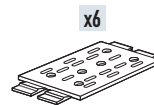
	PKG. QTY.	WEIGHT		FINISH / AVAILABILITY	ORDER EXAMPLE
		LBS	KG		
FAS ROLLER	6	11.0	4.8	PL*	FAS ROLLERPL
				M	

*PL = Plastic

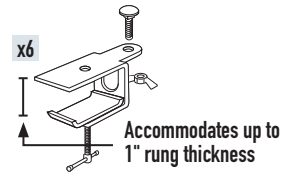
S - NORMALLY STOCKED M - MADE TO ORDER



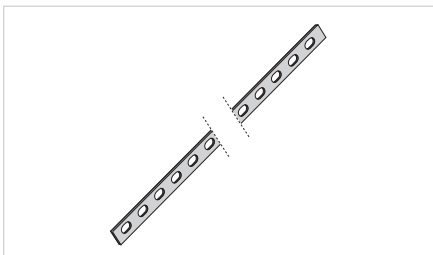
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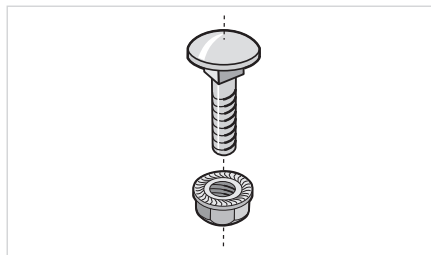
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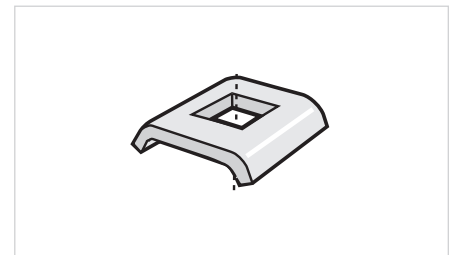
ED 1100



EZ BN 1/4 EZ BN 5/16



CE 25



	PKG. QTY.	LENGTH		WEIGHT		FINISH / AVAILABILITY					ORDER EXAMPLE	
		FT	M	LBS	KG	EZ	GC	DC	316L	BL		
ED 1100	1	43.0	1100	1.1	0.5	M	M	-	M	M	ED 1100EZ	
EZ BN 1/4	50	-	-	1.3	0.6	S	-	M	M	M		
EZ BN 5/16	50	-	-	2.0	0.9	M	-	M	M	M		
CE 25	50	-	-	1.0	0.4	S	-	S	S	M		

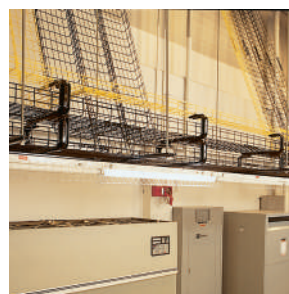
S - NORMALLY STOCKED M - MADE TO ORDER

INSTALLATIONS

- A.58** CUSTOM BENDS AND JUNCTIONS
- A.58** DIRECTIONAL CHANGE HARDWARE
- A.59** HOW TO CUT CABLOFIL CABLE TRAY
- A.60** USING A POWER CUTTER TO CUT CABLOFIL CABLOCUT
- A.60** ACCESSORIES
- A.61** EDRN FAST SPLICE
- A.61** SWK FAST SPLICE
- A.61** ED 275 FAST SPLICE
- A.62** PROPER USE OF FAS TABS - WIRE MESH TRAY
- A.62** FS41
- A.62** PROPER GROUNDING FOR PAINTED TRAY
- A.63** T JUNCTIONS RAD T 90 KIT
- A.65** T JUNCTIONS EZ T 90 KIT
- A.67** Y JUNCTIONS
- A.69** CABLOBEND
- A.70** 90° BENDS RAD T 90 KIT
- A.72** 90° BENDS EZ T 90 KIT
- A.74** 90° JUNCTIONS EZ T 90 KIT



Use this guide to learn the most effective installation practices when installing our wire mesh tray. Each example of bends and tee's clearly illustrate proper tray cutting combined with recommended usage of accessories in the Cablofil product line.

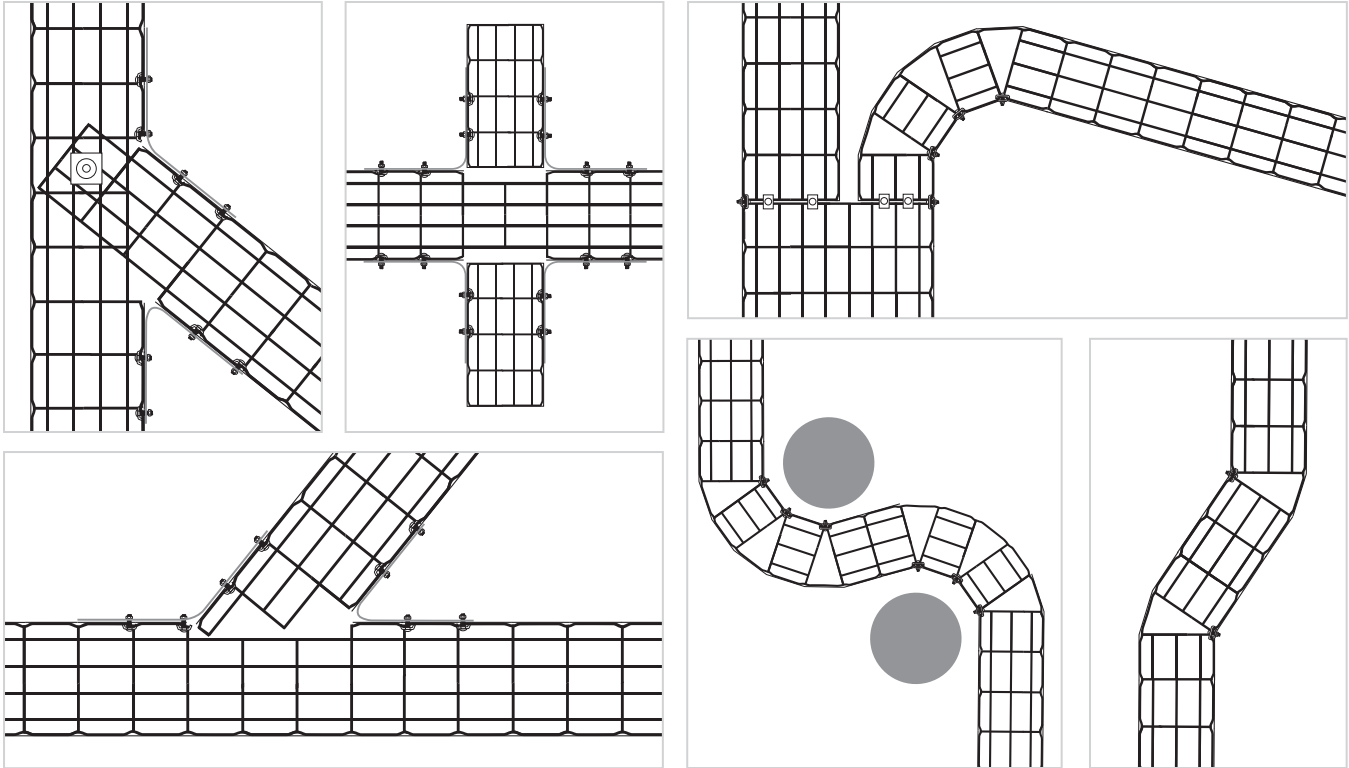


- A.75** OTHER THAN 90° JUNCTIONS
- A.76** SWEEPS
SWK & EZ BN 1/4 /
CE 25 / ED275
- A.78** REDUCTIONS
- A.79** CHANGING LEVELS
- A.80** CUTTING AND BENDING

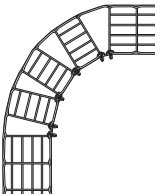
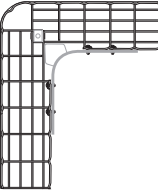
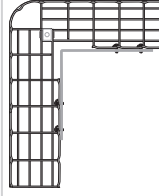
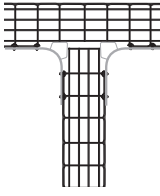
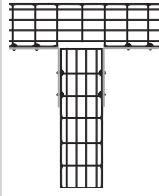
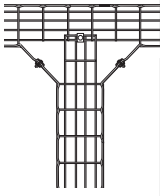
CUSTOM BENDS AND JUNCTIONS

WITH CABLOFIL CABLE TRAY, ANY INSTALLATION CONFIGURATION IS POSSIBLE

Engineers and contractors in North America and around the world have found Cablofil products to be the solution to any installation problem. Any bend, sweep or level change can be fabricated on site. Let your imagination have no limits on your next project.



DIRECTIONAL CHANGE HARDWARE

90° BENDS								HORIZONTAL TEE					
		SWK (SWEEP)		RADT90		EZT90		RADT90		EZT90		Y JUNCTION	
													
TRAY WIDTH		QTY. REQUIRED	CUT INSTRUCTIONS	QTY. REQUIRED	CUT INSTRUCTIONS	QTY. REQUIRED	CUT INSTRUCTIONS	QTY. REQUIRED	CUT INSTRUCTIONS	QTY. REQUIRED	CUT INSTRUCTIONS	HARDWARE REQUIRED	CUT INSTRUCTIONS
INCHES	MM												
2.0	50	2	p. A.76	-	-	1 kit	p. A.72	-	-	1 kit	p. A.66	-	-
4.0	100	2	p. A.76	1 kit	p. A.70	1 kit	p. A.72	1 kit	p. A.64	1 kit	p. A.66	p. A.57	p. A.68
6.0	150	4	p. A.76	1 kit	p. A.70	1 kit	p. A.72	1 kit	p. A.64	1 kit	p. A.66	p. A.57	p. A.68
8.0	200	4	p. A.76	1 kit	p. A.70	1 kit	p. A.72	1 kit	p. A.64	1 kit	p. A.66	p. A.57	p. A.68
12.0	300	6	p. A.77	1 kit	p. A.70	1 kit	p. A.73	1 kit	p. A.65	1 kit	p. A.67	p. A.57	p. A.69
18.0	400	8	p. A.77	1 kit	p. A.71	1 kit	p. A.73	1 kit	p. A.65	1 kit	p. A.67	p. A.57	p. A.69
20.0	450	9	p. A.77	1 kit	p. A.71	1 kit	p. A.73	1 kit	p. A.65	1 kit	p. A.67	-	-
24.0	550	11	p. A.77	1 kit	p. A.71	1 kit	p. A.73	1 kit	p. A.65	1 kit	p. A.67	-	-

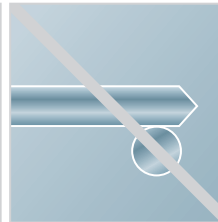
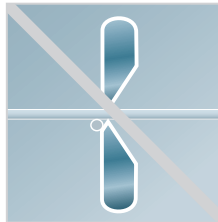
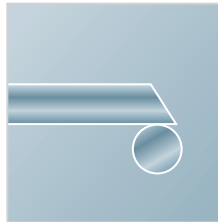
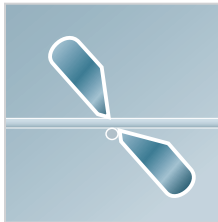
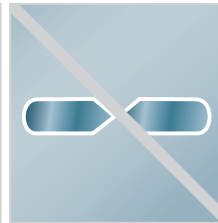
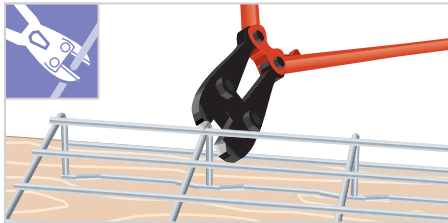
HOW TO CUT CABLOFIL CABLE TRAY



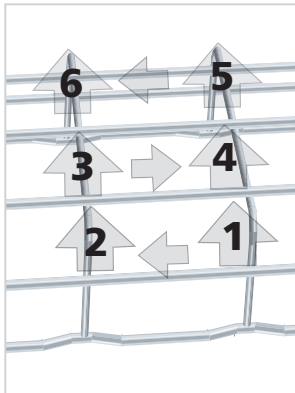
	LENGTH		WEIGHT		
	INCHES	MM	LBS	KG/1	
COUPFIL	24.8	630	6.0	2.7	S

S - NORMALLY STOCKED

- Always use side action angle bolt cutters.



- Angle all cuts away from the new end.
- Cut each wire with one clean cut, eliminating any grinding or touch-up.



- Cut the bottom wires first, in order as shown, from the underside of the tray.
- Rest the lower jaw of the cutters against the cradle wire and cut at an angle away from the new end.



- Cut the side wires next, starting with the top wire.
- Make sure the finished cut is safe and ready for installation.

USING A POWER CUTTER TO CUT CABLOFIL — CABLOCUT



Cablocut is the easiest way to cut and fabricate wire mesh tray. It ensures a perfect, clean cut in less than a second. The rechargeable Makita 18 V Lithium-ion battery makes up to 300 cuts between charges and will make Cablocut your favorite tool on your next installation.

- Cuts steel or stainless wire mesh tray up to 6mm in diameter
- Special shearing blade geometry prevents burrs and sharp edges
- Quick stop motor and automatic retraction when cut is complete enhances safety
- Hydraulic damping system reduces maintenance - only required after 20,000 cuts
- Multifunction LED for workplace illumination and battery charge indicator
- Uses standard Makita 18 V/1.5 Ah Lithium-ion battery
- Ergonomic housing with soft grip handle

	ITEM	DESCRIPTION
S	CABLOCUT*	Cutter, Case, Spare Blades
S	CABLOCUT BLADES	Spare Blades
S	CABLOCUT BATTERY*	18 V Li-Ion Battery 1.5/A/HR
S	CABLOCUT CHARGER*	120 VAC Quick Charger

*Battery and Charger sold and shipped separately.

S - NORMALLY STOCKED

Small head size permits cuts close to welds

Special shearing blade insures clean cuts without burrs

Cutting blades are easy to replace

Soft grip, balanced design

Multifunction LED for illumination and charge indicator



SHEARING ACTION RESULTS IN CLEAN EDGE.

Cablocut Results



Old Tools, Electric or Manual



ACCESSORIES

CASE KK50L
Rigid plastic case - room for cutter, battery and charger



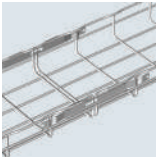
RA1 BATTERY*
18 V / 1.5 Ah / Li-Ion



CHARGER LGL1*
20 V Quick charger

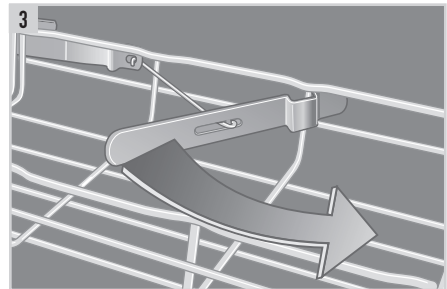
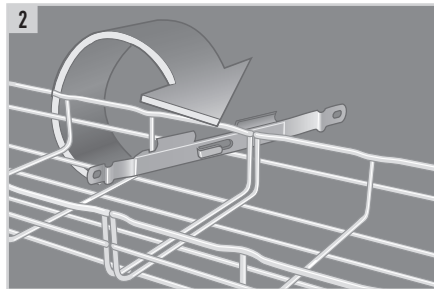
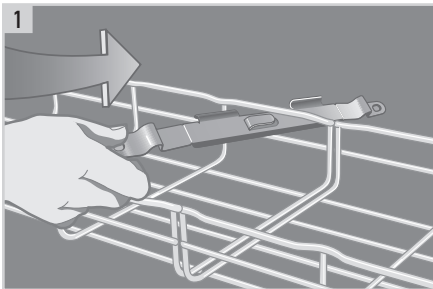


PROPER SPLICING - EDRN FAST SPLICE

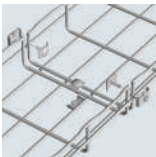


SEE PAGE A.17

 CF54 – CF105 – CF150	 2" → 8" (50 → 200 MM)	 12" (300 MM)	 18" → 24" (450 → 600 MM)
 EDRN splices needed on side wires	2x EDRN	2x EDRN	2x EDRN
 EDRN splices needed on bottom of tray	–	1x EDRN	2x EDRN



PROPER SPLICING - SWK



SEE PAGE A.17

 CF54 – CF105 – CF150 – TFX35 – CF6	 2" (50 MM)	 4" → 8" (100 → 200 MM)	 12" → 24" (300 → 600 MM)
 SWK attachment sets needed for side wires	2x SWK	2x SWK	2x SWK
 SWK attachment sets needed for bottom wires	–	1x SWK	2x SWK

PROPER SPLICING - ED 275

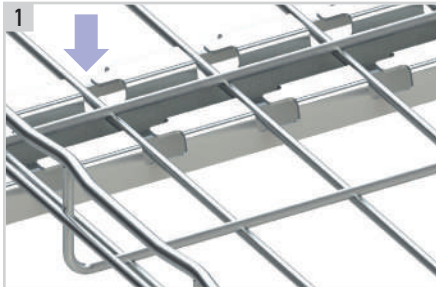


SEE PAGE A.20

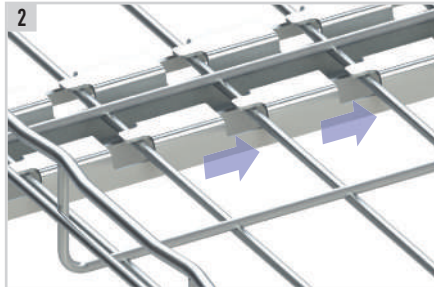
 CF54 – CF105 – CF150	 2" (50 MM)	 4" → 8" (100 → 200 MM)	 12" → 24" (300 → 600 MM)
 ED 275 splices needed for side wires	2x CE 25, EZ BN 1/4, ED 275	2x CE 25, EZ BN 1/4, ED 275	2x CE 25, EZ BN 1/4, ED 275
 SWK splices needed on bottom of tray	–	1x SWK	2x SWK

PROPER USE OF FAS TABS - WIRE MESH TRAY

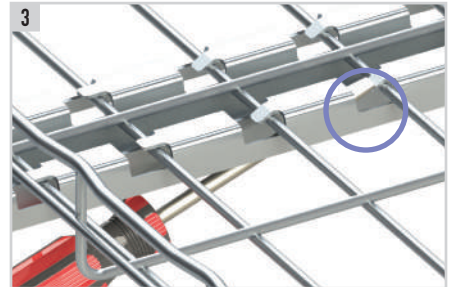
FAS tabs speed up installation times and because no additional attachment hardware is required, they also reduce costs. Follow these steps for proper installation:



Insert tray into slots



Slide tray under tabs



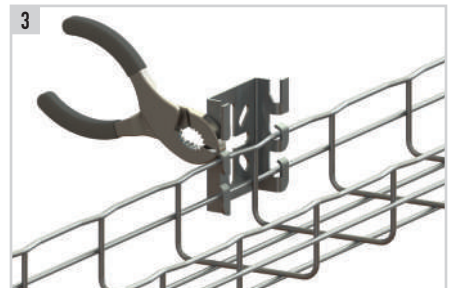
From the underside, depress several tabs using a screwdriver or pliers to secure tray



Attach mount to wall



Slide tray under tabs



Depress all tabs using a screwdriver or pliers to secure tray

HOW TO USE - FS41



Hook one side of the FS41 into channel support.



Depress FS41 and hook other side into channel support.



Add an additional FS41 on the opposite side of the channel support for secure installation.

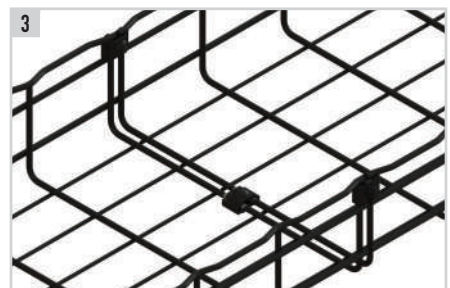
PROPER GROUNDING FOR PAINTED TRAY - SWK



Remove outer mask of copper strip (painted over) exposing the copper strip at each end of the tray.



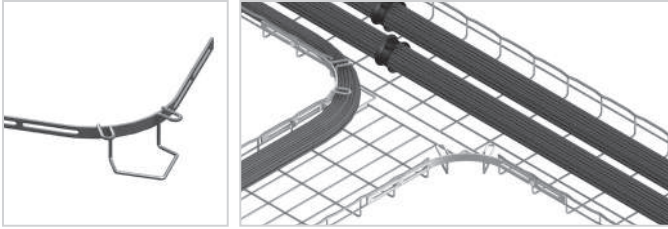
Position tray so that the exposed copper strips are aligned and use SWKs to join tray sections.



Add another SWK to the bottom section over the copper strips for proper grounding.

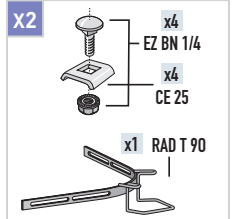
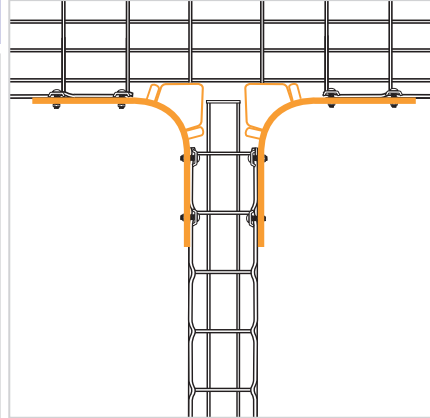
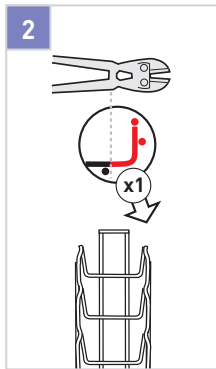
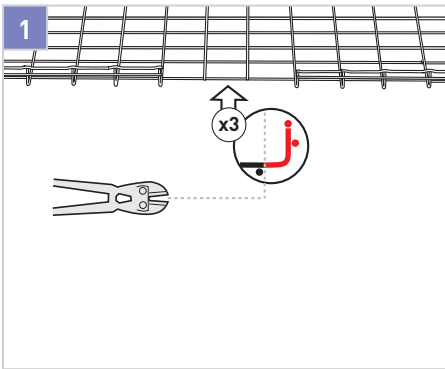
T JUNCTIONS

RAD T 90 KIT

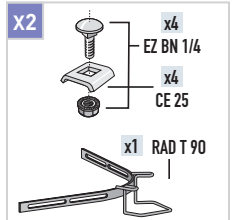
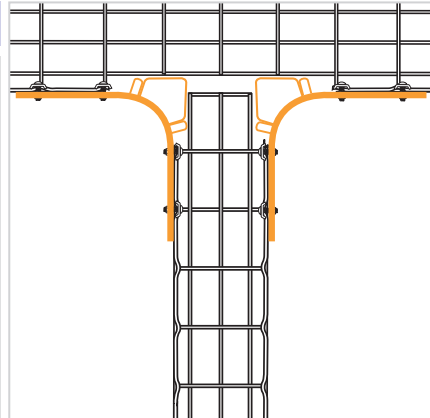
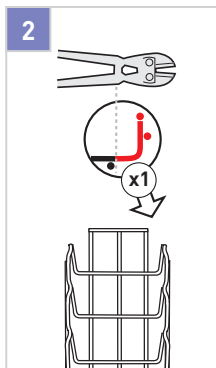
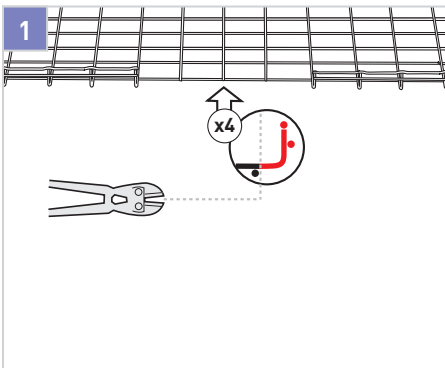


One RAD T 90 KIT will make one T Junction.
For complete kit description and depths offered see page A.18.

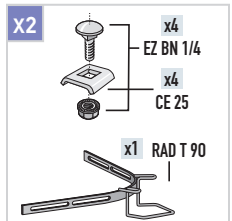
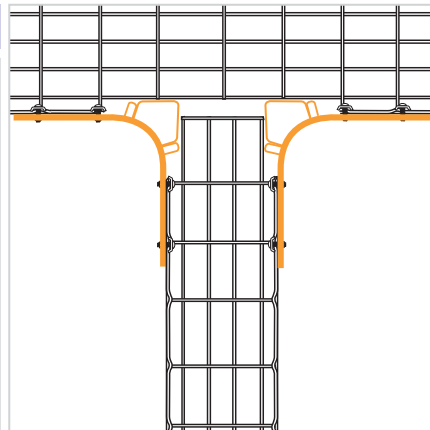
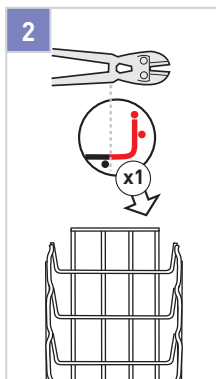
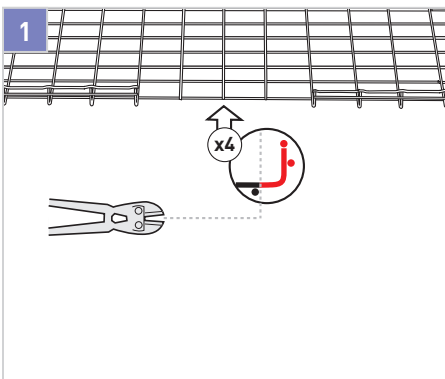
4" (100 MM)

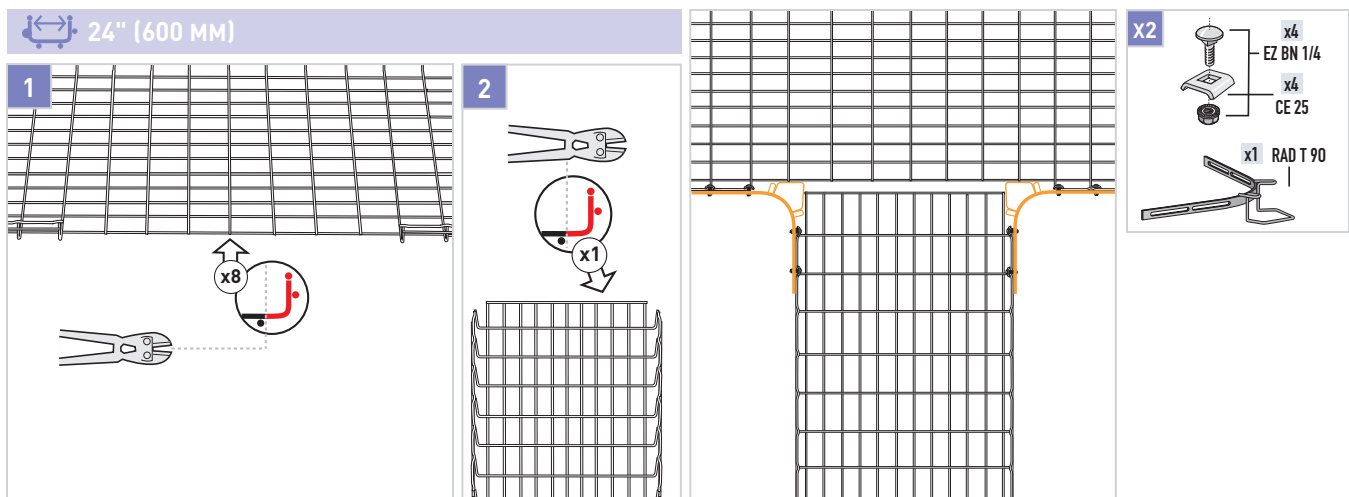
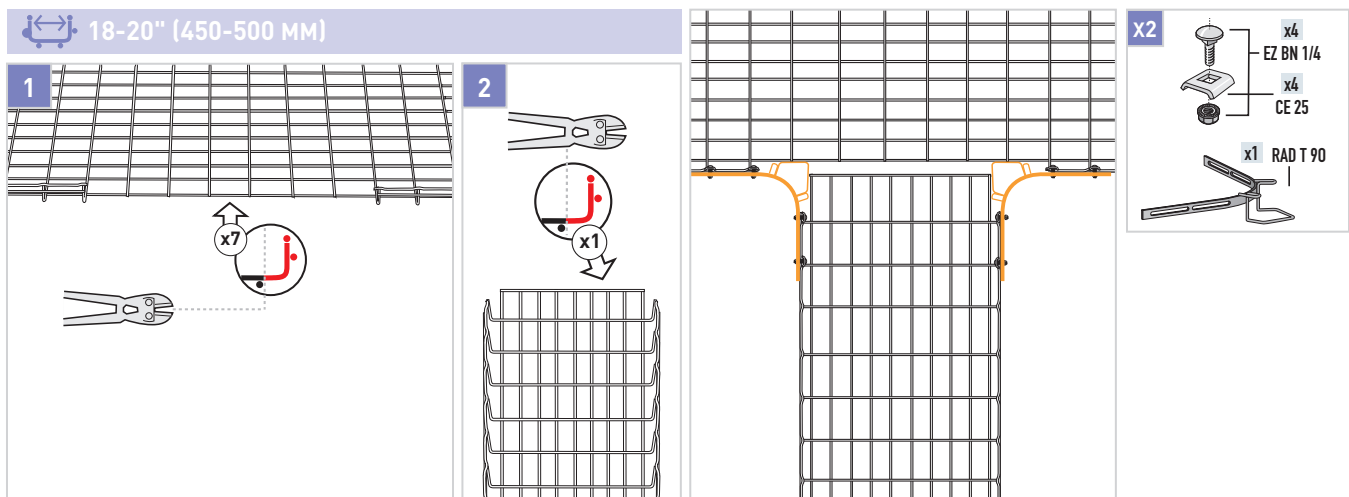
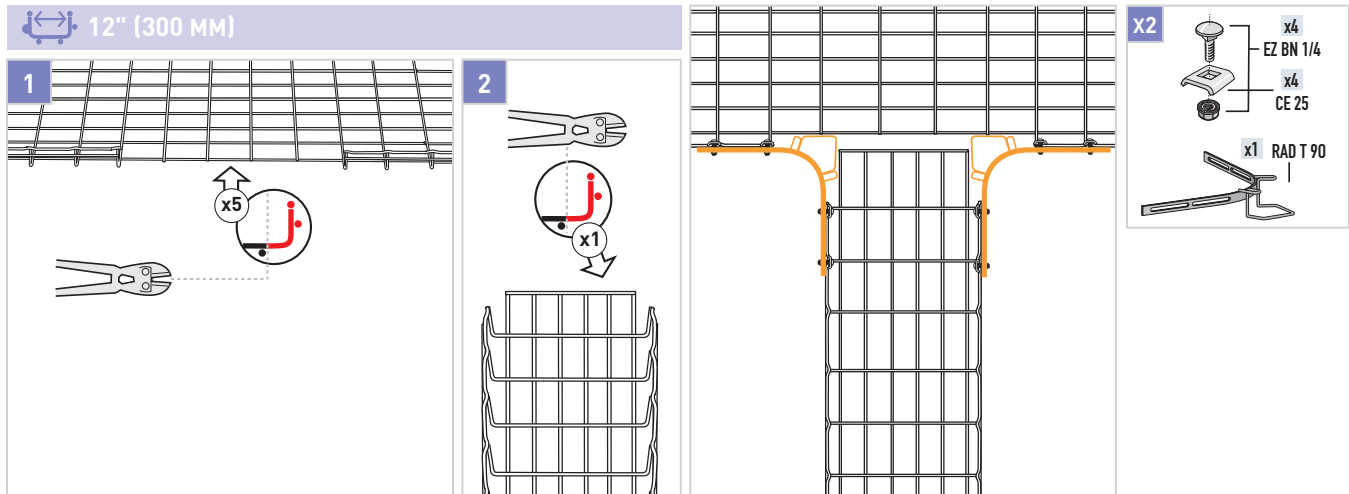


6" (150 MM)



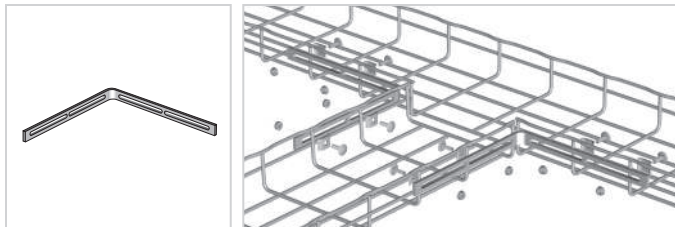
8" (200 MM)





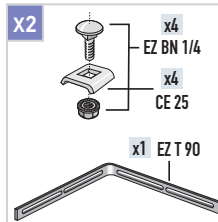
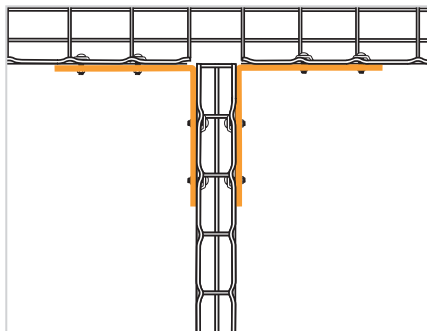
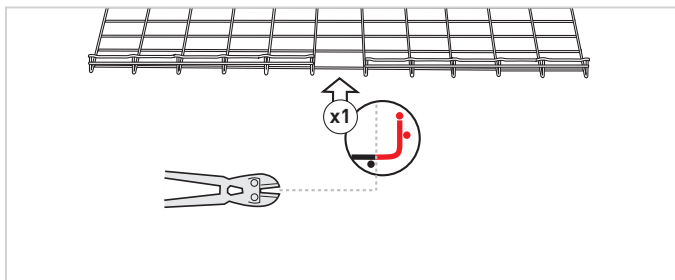
T JUNCTIONS

EZ T 90 KIT

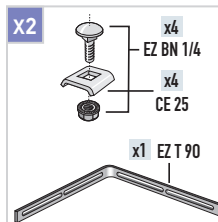
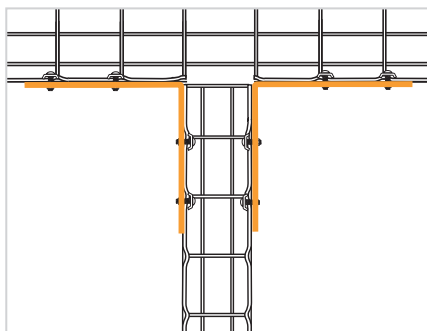
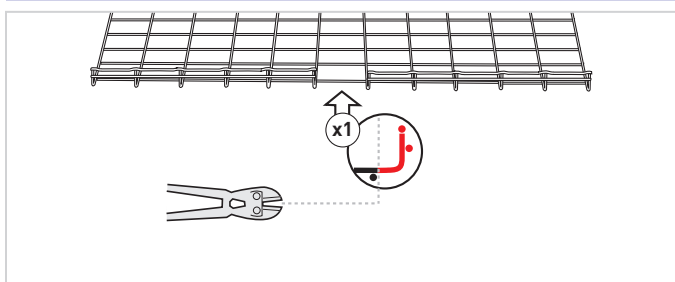


One EZ T 90 KIT will make one T Junction.
For complete kit description see page A.19.

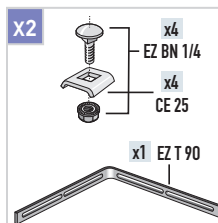
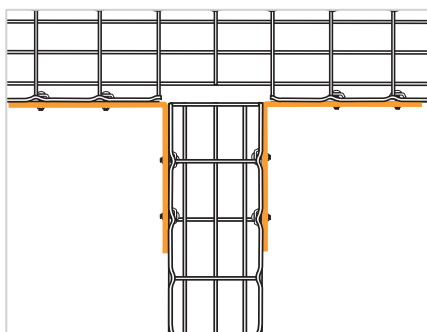
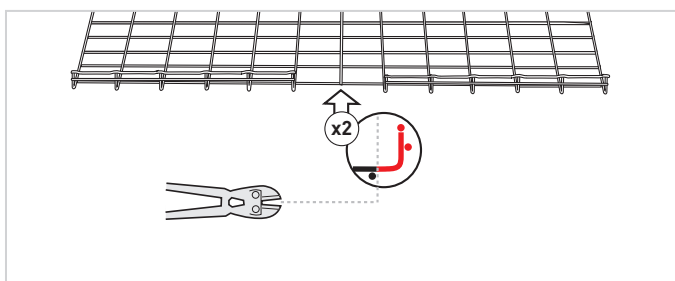
2" (50 MM)



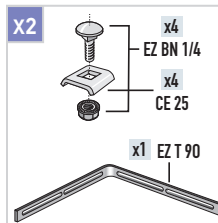
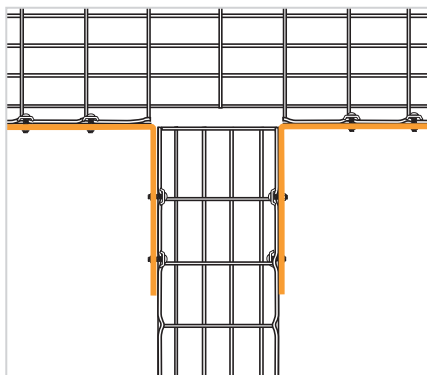
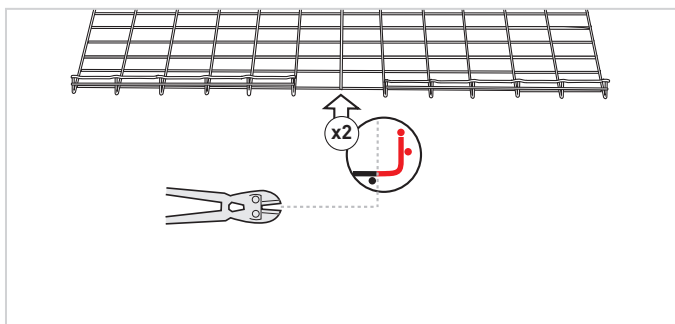
4" (100 MM)



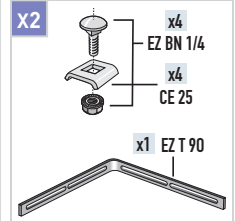
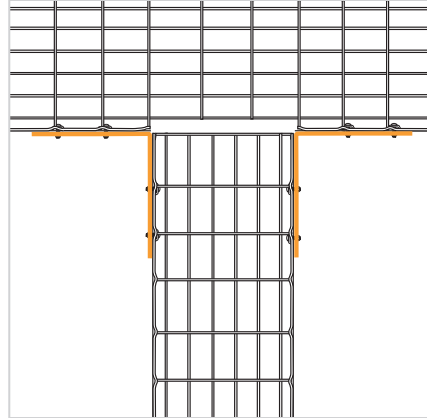
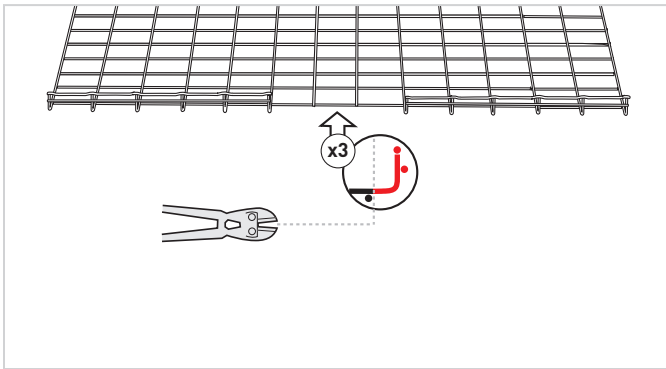
6" (150 MM)



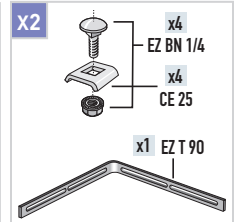
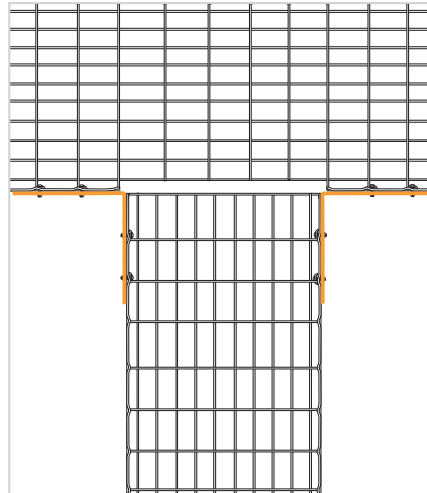
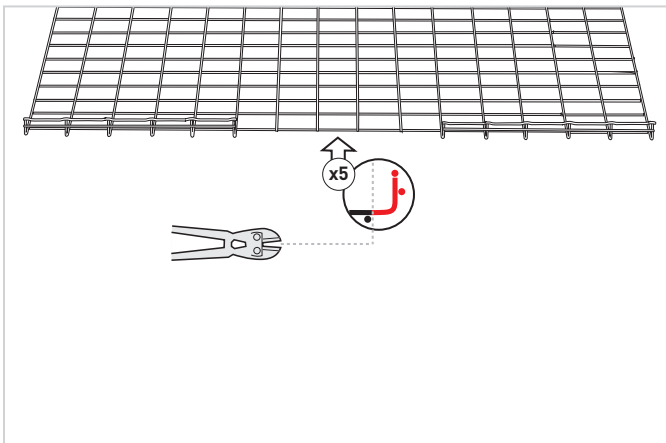
8" (200 MM)



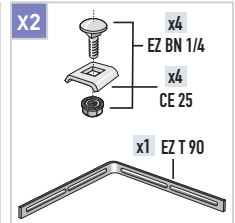
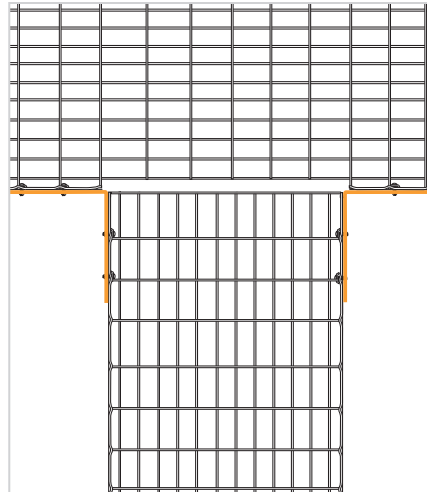
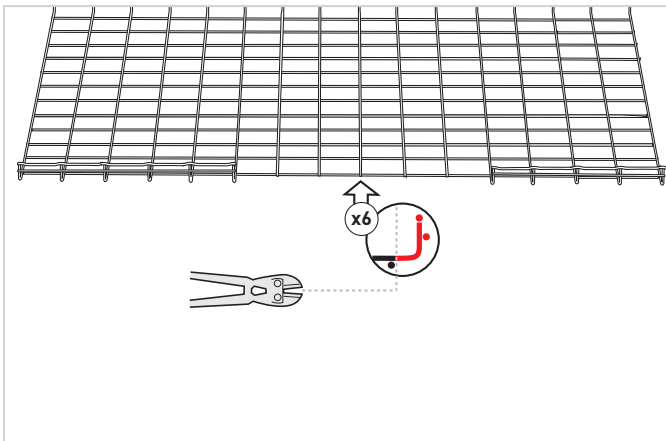
12" (300 MM)



18-20" (450-500 MM)

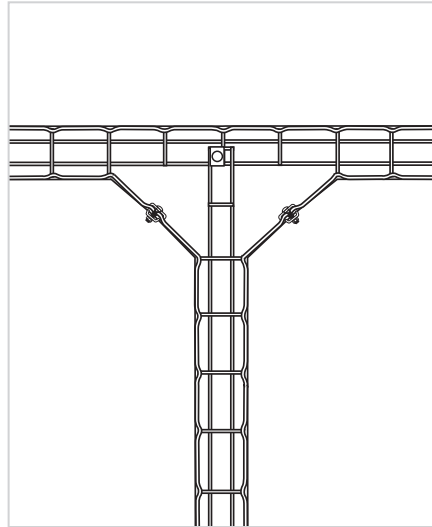
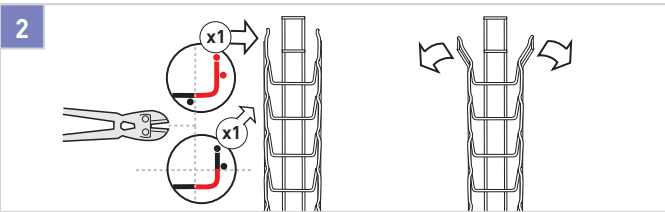
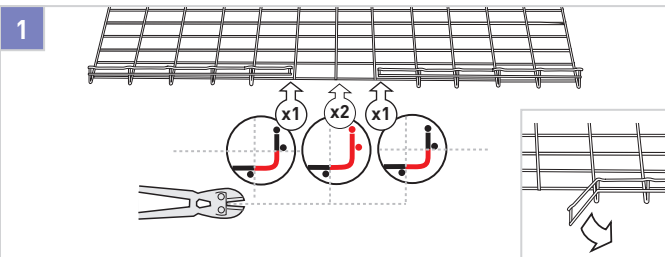


24" (600 MM)

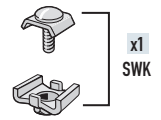


Y JUNCTIONS

4" (100 MM)

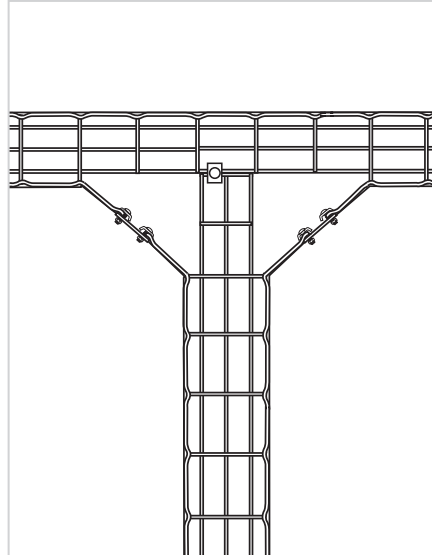
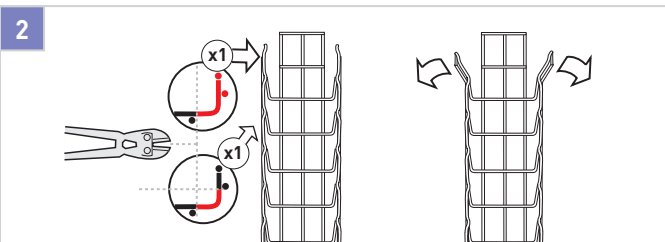
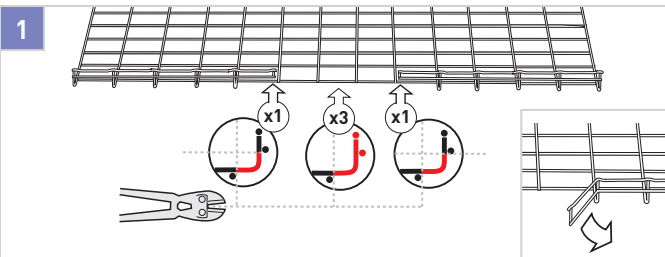


x3

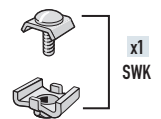


See pg. A.17

6" (150 MM)

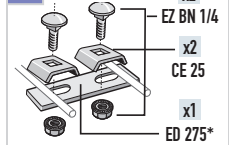


x1



See pg. A.17

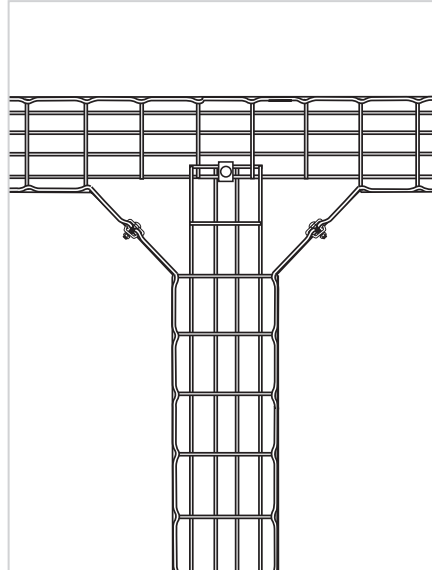
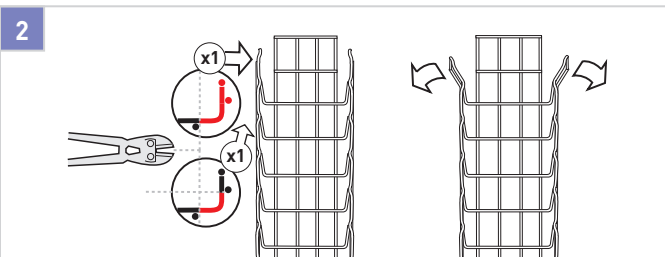
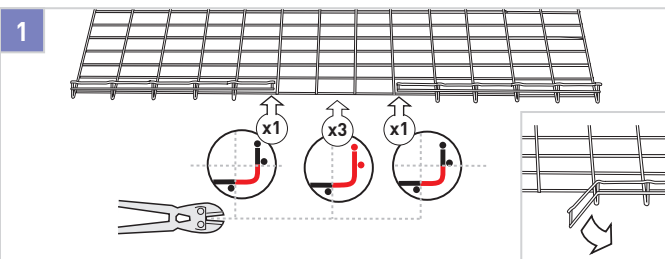
x2



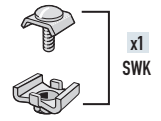
See pgs. A.20, A.55

*Use bolt cutters to fabricate this part from ED 275.

8" (200 MM)



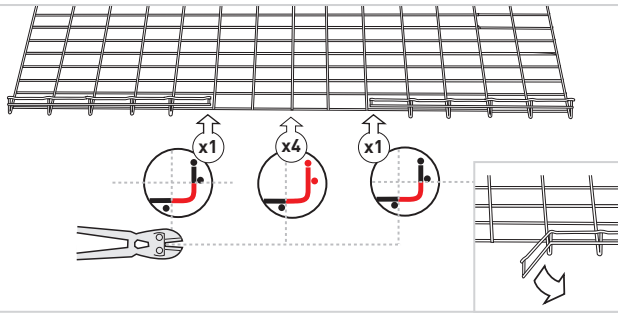
x3



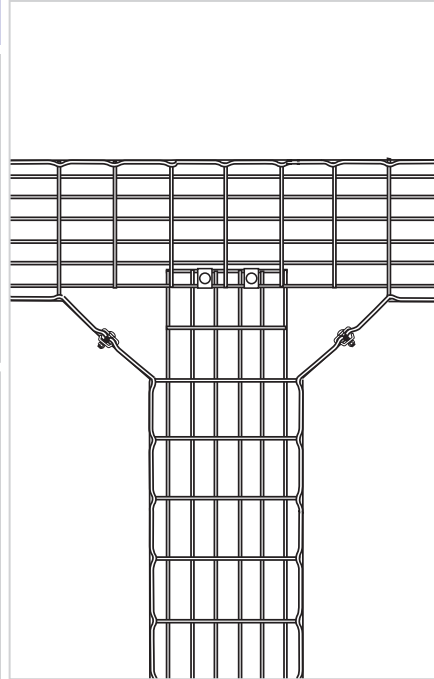
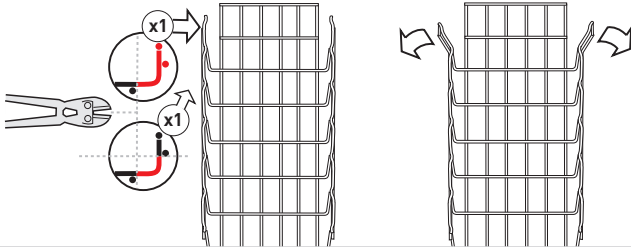
See pg. A.17

12" - 20" - 24" (300 - 500 - 600 MM)

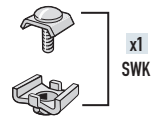
1



2



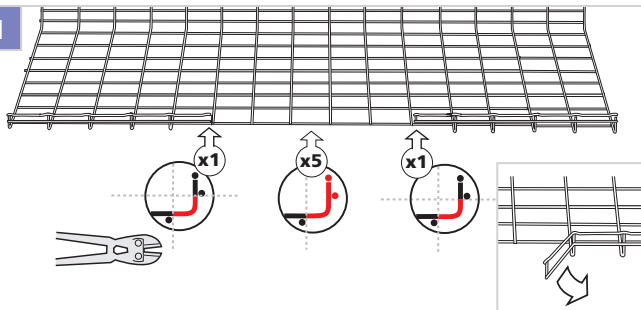
X4



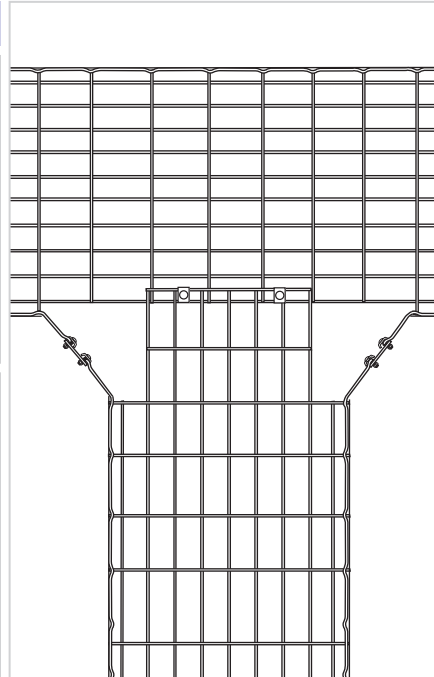
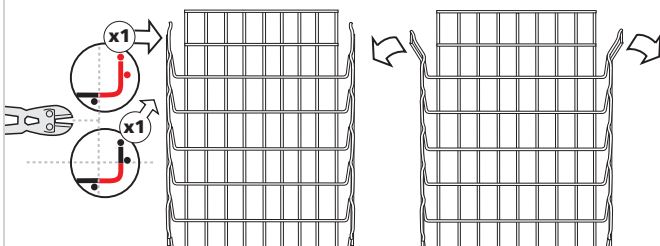
See pg. A.17

18" (450 MM)

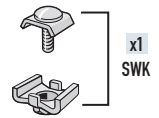
1



2

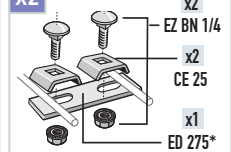


X2



See pg. A.17

X2



See pgs. A.20, A.55

*Use bolt cutters to fabricate this part from ED 275.

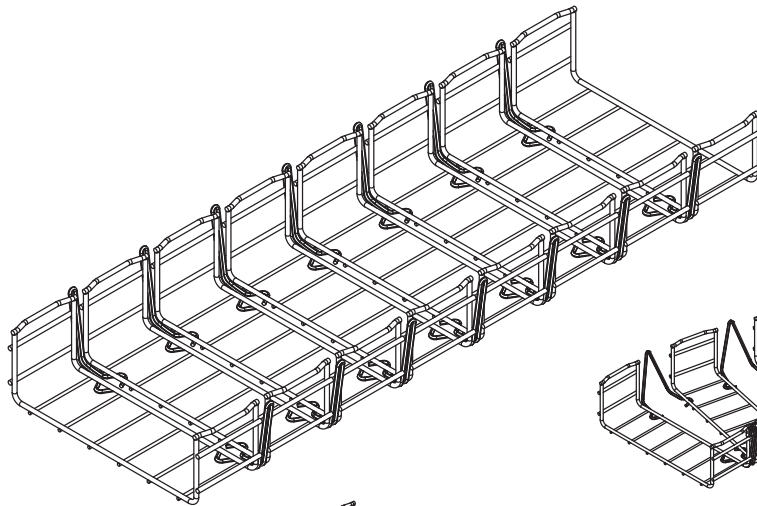
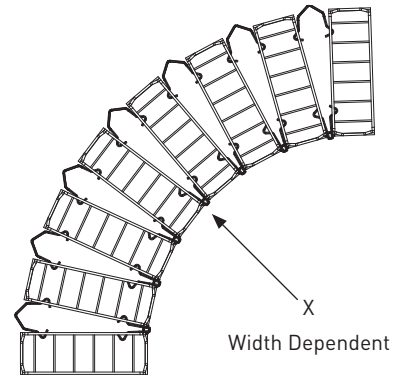
CABLOBEND

Making a Horizontal 90 Bend:

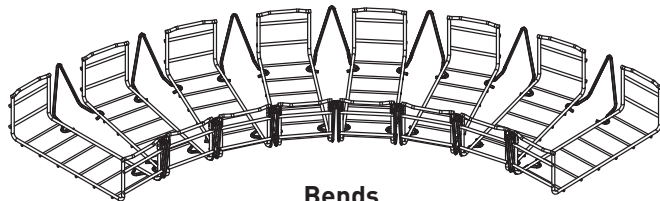
1. Evaluate the below diagram and chart to determine which provides the best fit
2. Modify the Cablobend by bending individual sections for best fit
3. Lock in unbent sections with bend clips to improve fitting rigidity
4. Splice Cablobend to adjacent tray straight sections with UL listed SWKs

HORIZONTAL BEND 90 DEGREE (TIGHT AS POSSIBLE)

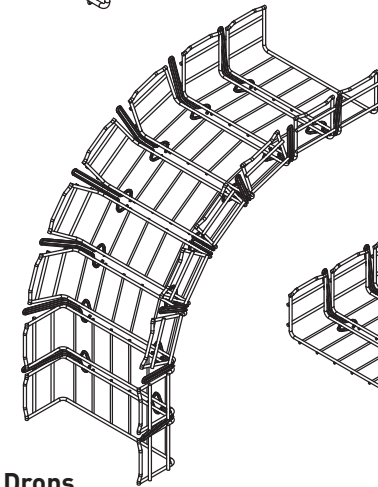
No. of Sections	Tray Width	≈ Radius (H1)	≈ Radius (H0)	Angle
3	6"	8.6"	14.6"	90°
4	8"	9"	17"	90°
5	12"	12"	23.6"	90°
7	18"	18"	35.5"	90°
8	24"	20.5"	44"	90°



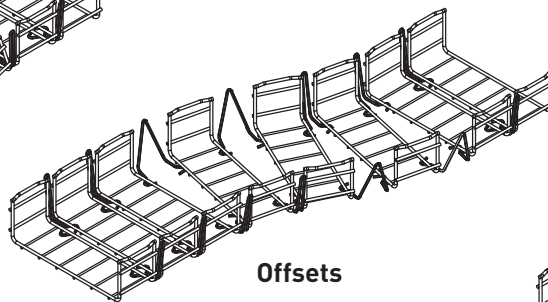
With Cablobend, you have the freedom to flexibly create the bends and drops that you need. No more cutting to make most bends.



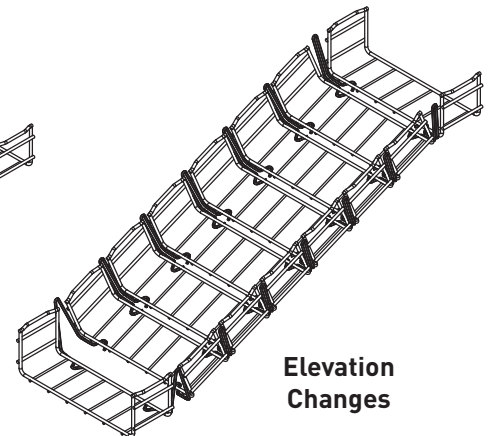
Bends



Drops



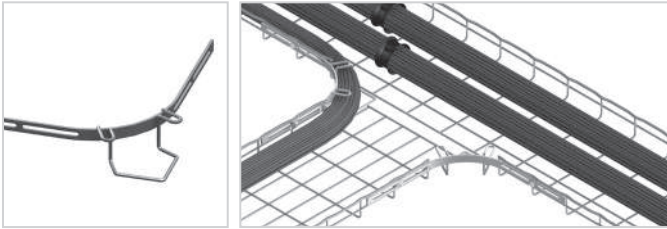
Offsets



Elevation Changes

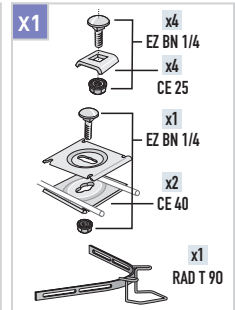
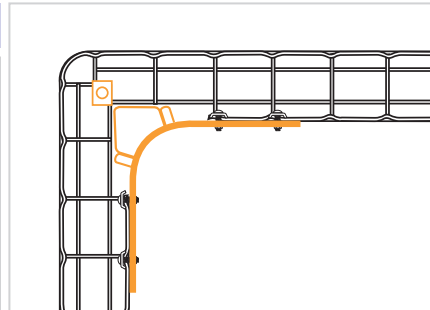
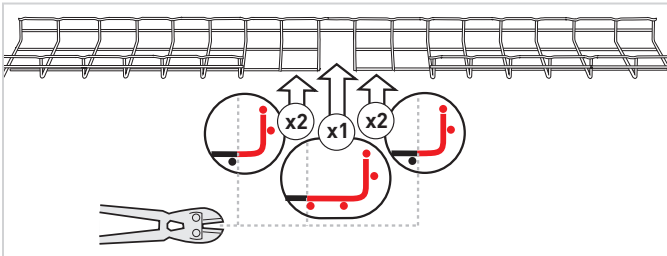
90° BENDS

RAD T 90 KIT

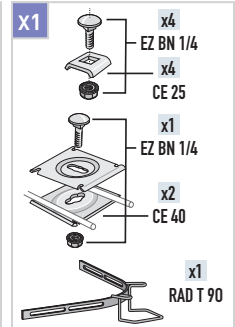
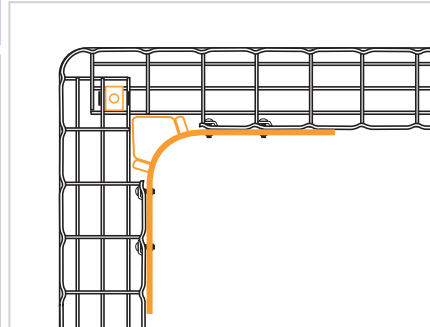
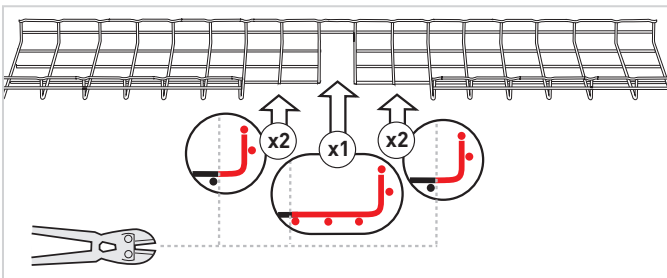


One RAD T 90 KIT will make two 90° Bends. For complete kit description and depths offered, see page A.18.

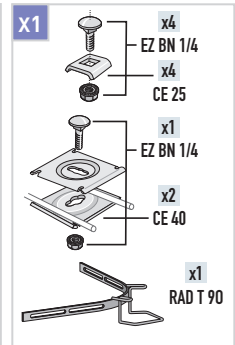
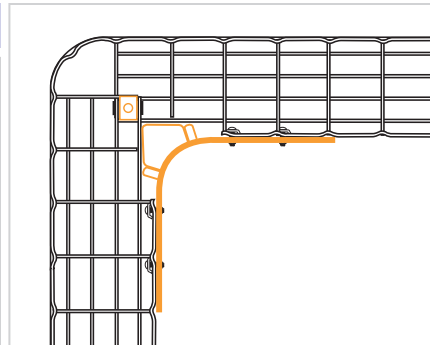
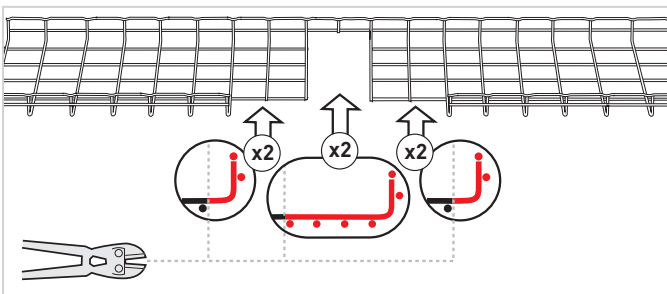
4" (100 MM)



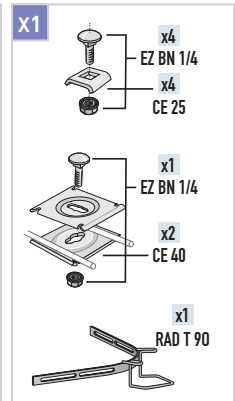
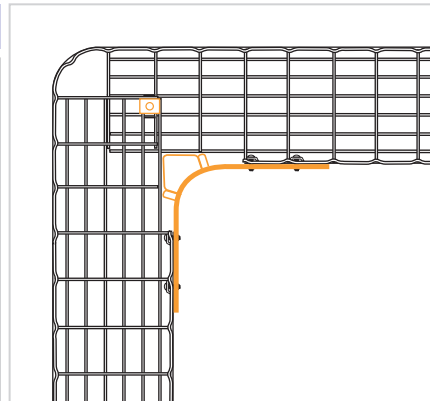
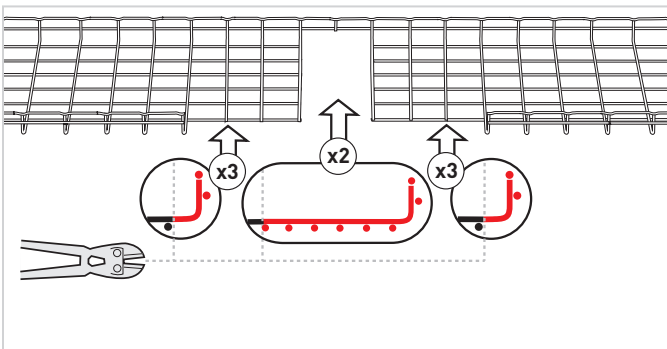
6" (150 MM)



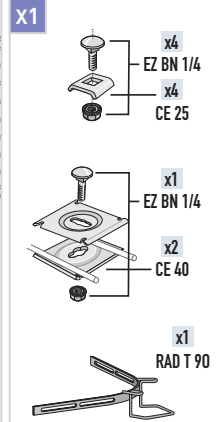
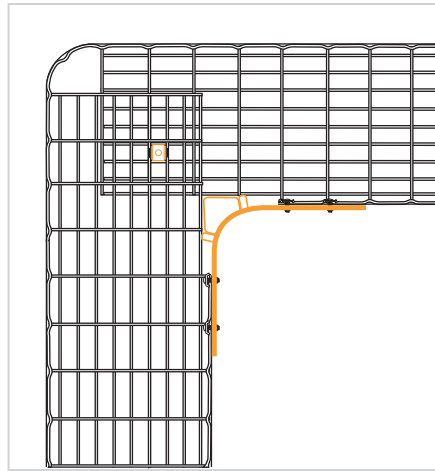
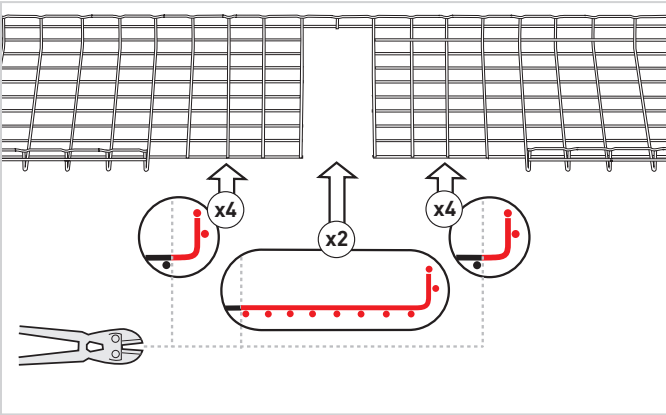
8" (200 MM)



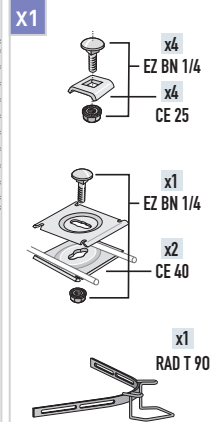
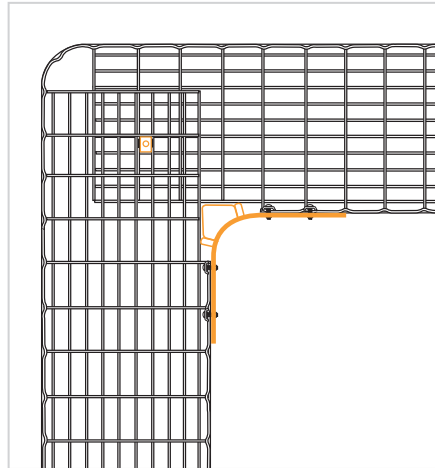
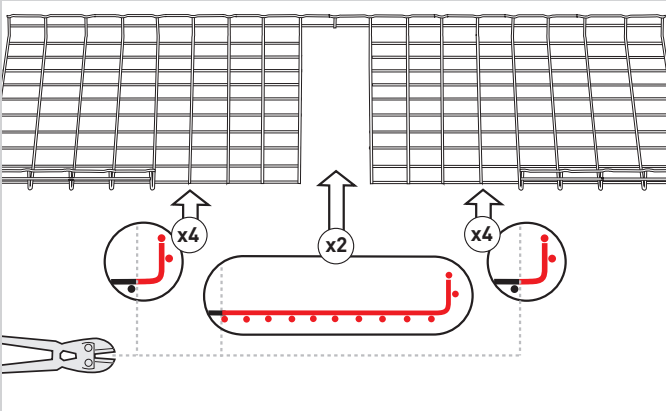
12" (300 MM)



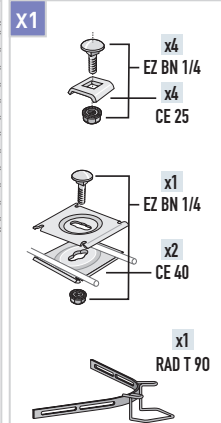
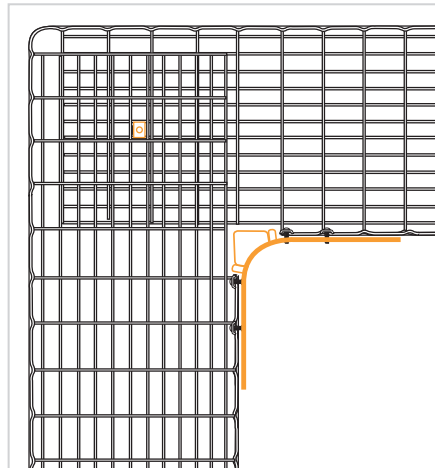
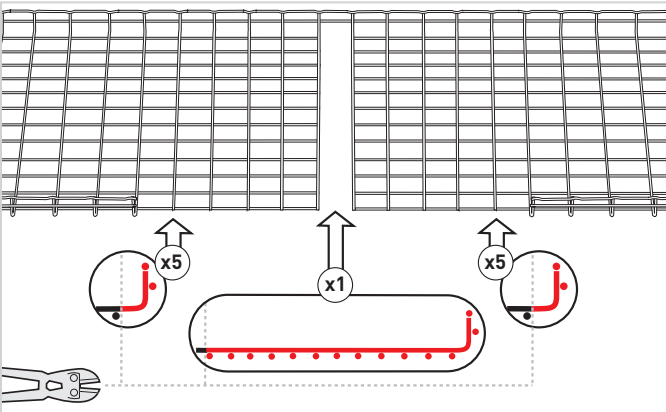
18" (450 MM)



20" (500 MM)

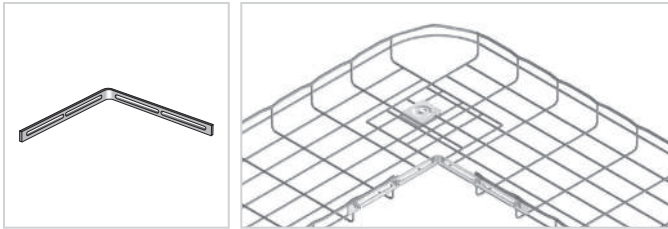


24" (600 MM)

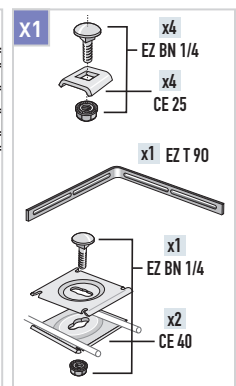
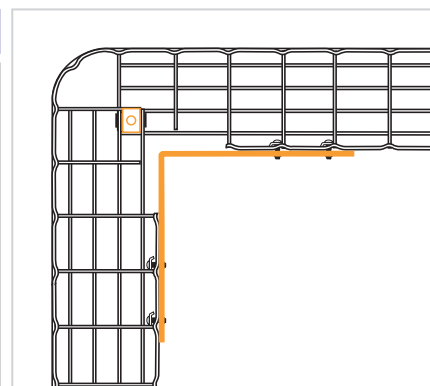
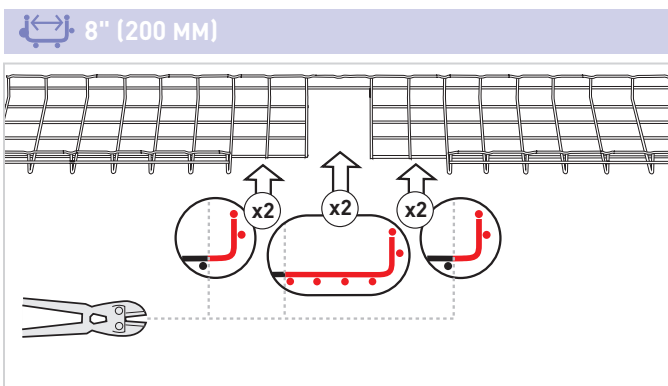
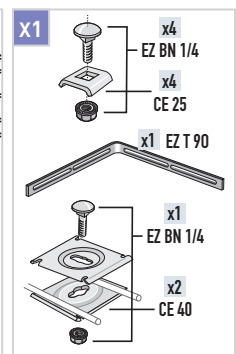
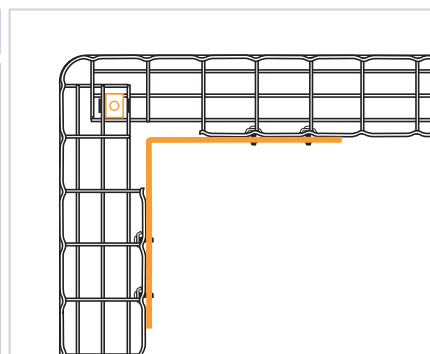
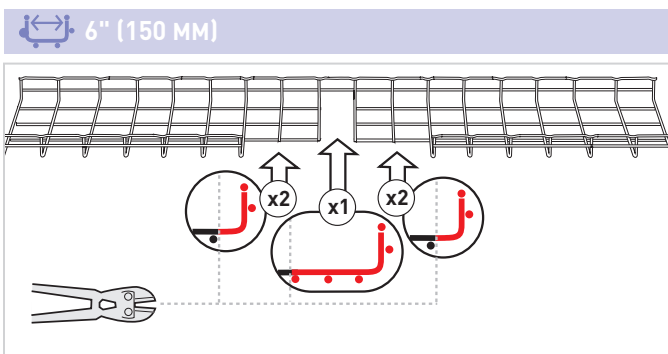
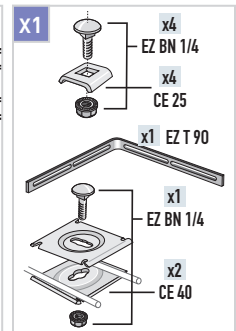
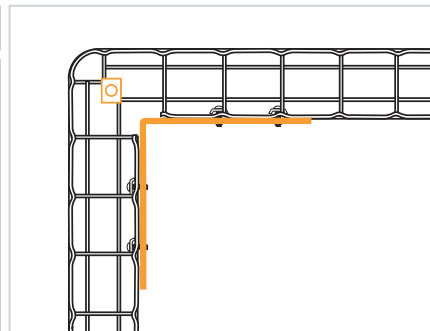
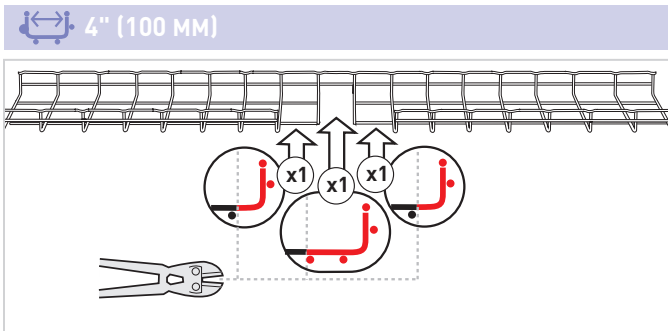
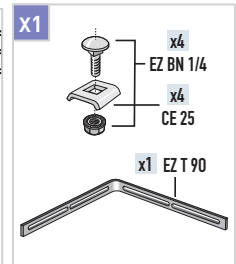
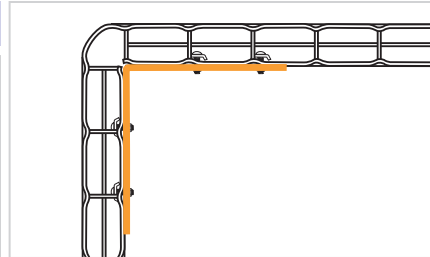
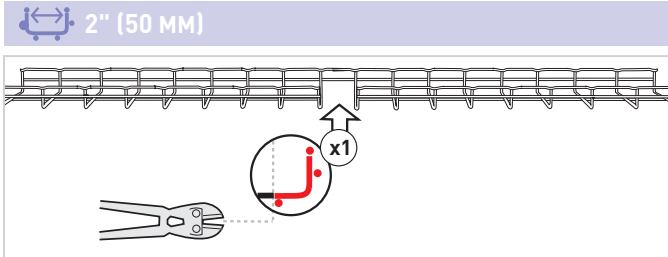


90° BENDS

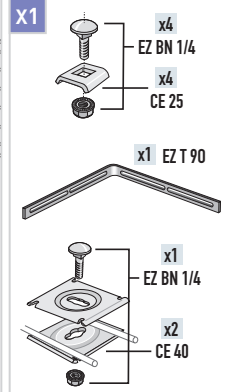
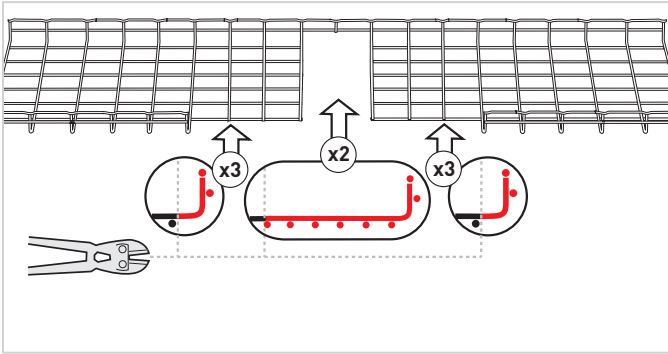
EZ T 90 KIT



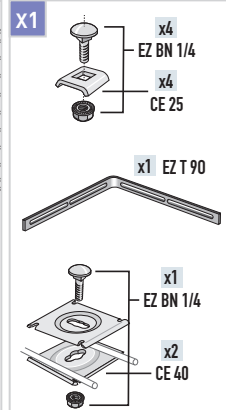
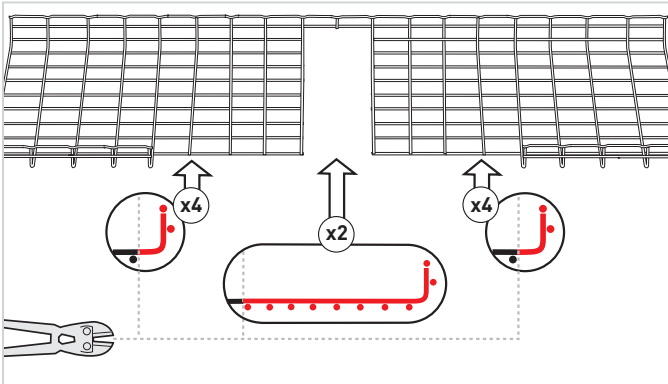
One EZ T 90 KIT will make two 90° Bends.
For complete kit description, see page A.19.



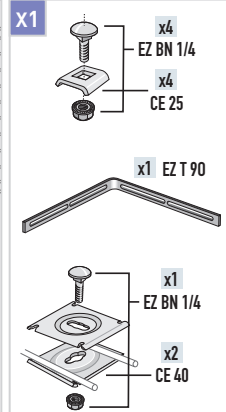
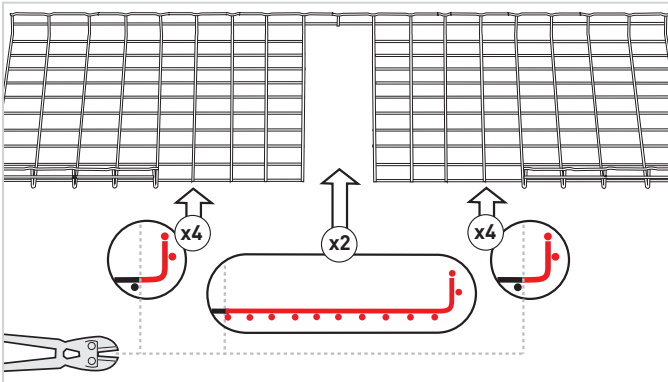
12" (300 MM)



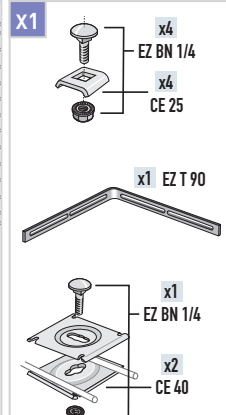
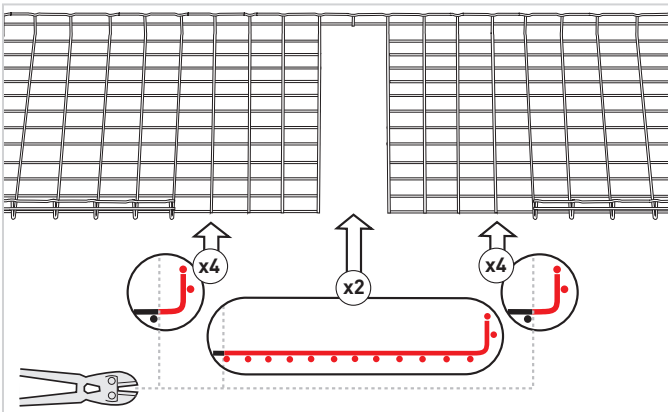
18" (450 MM)



20" (500 MM)

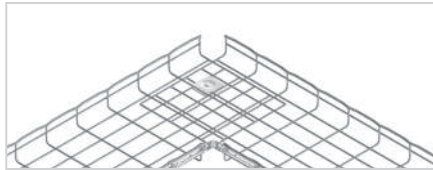
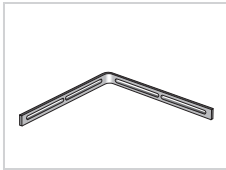


24" (600 MM)



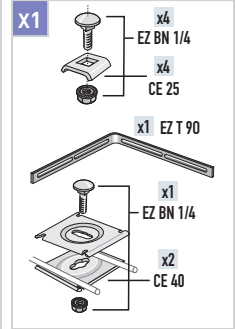
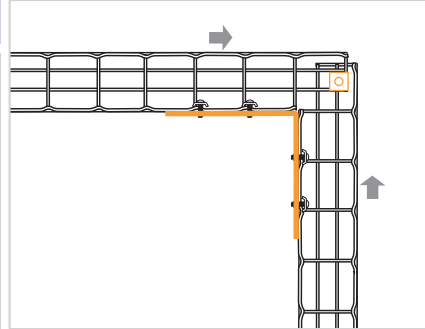
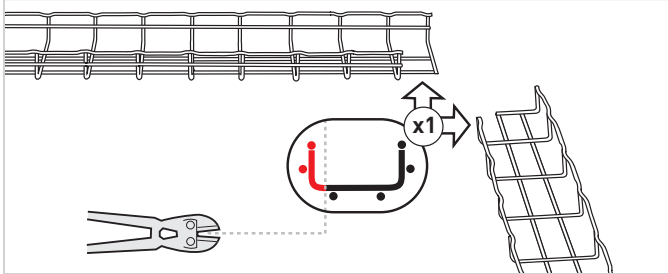
90° JUNCTIONS

EZ T 90 KIT

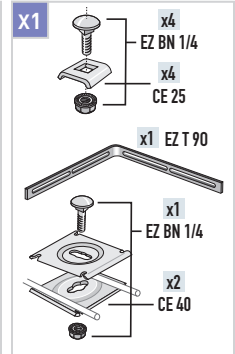
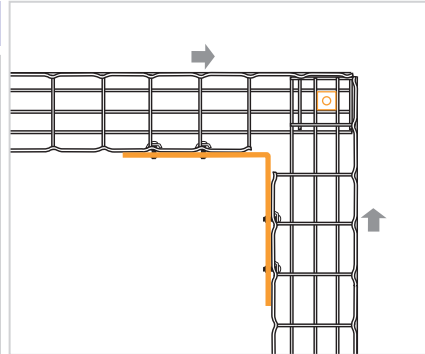
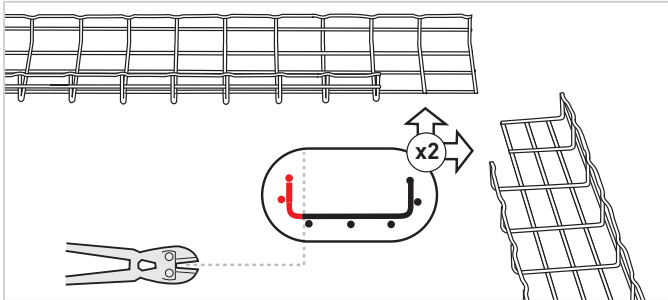


One EZ T 90 KIT will make two 90° Junctions.
For complete kit description, see page A.19.

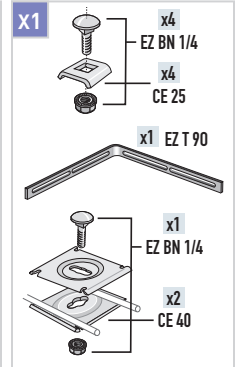
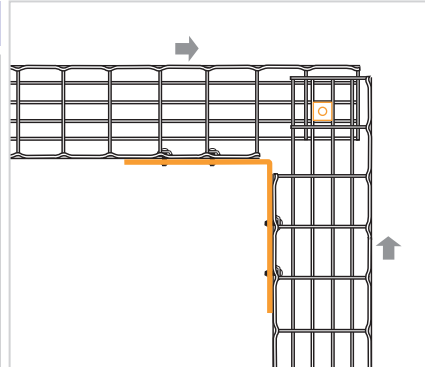
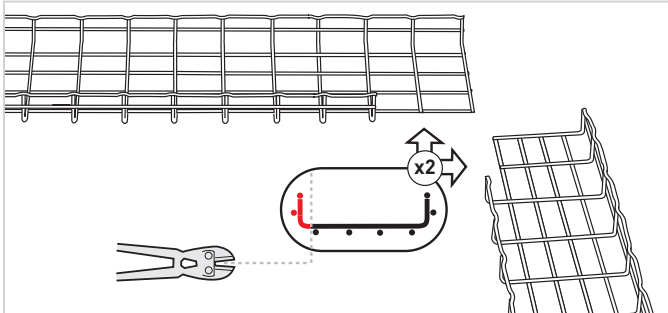
4" (100 MM)



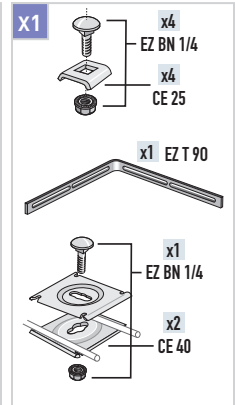
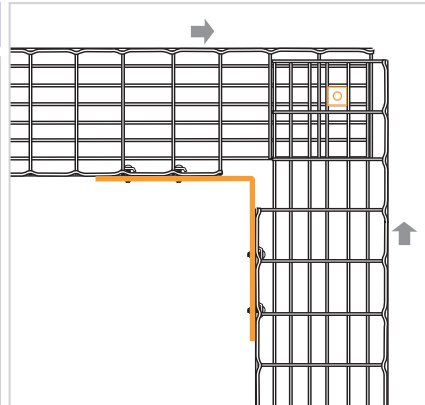
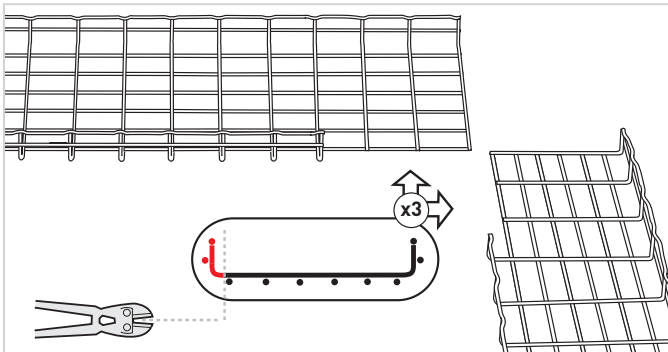
6" (150 MM)



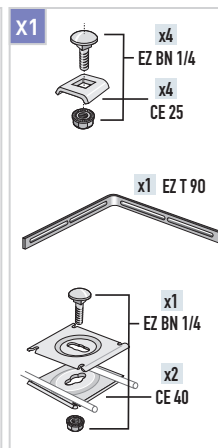
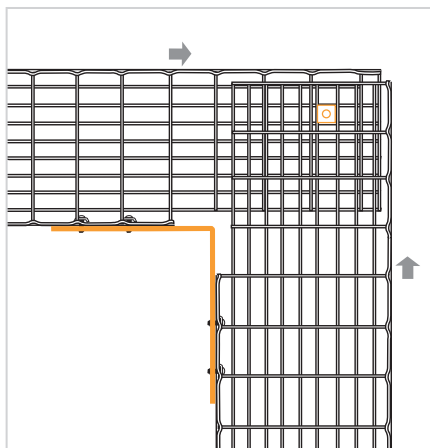
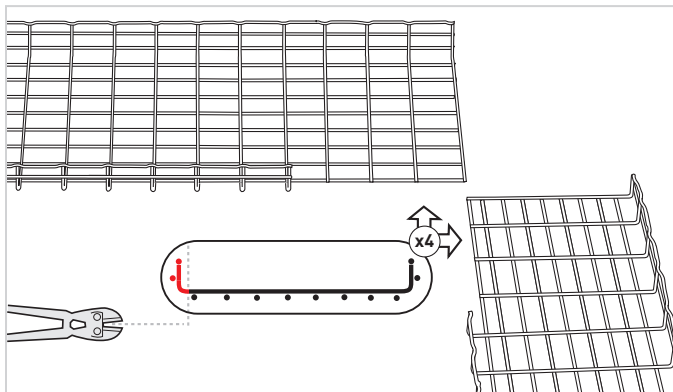
8" (200 MM)



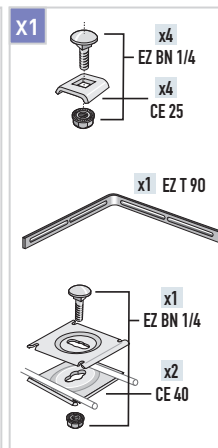
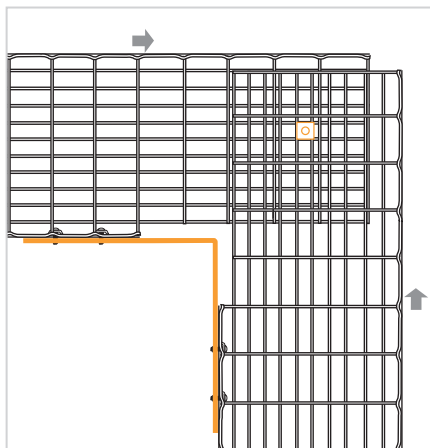
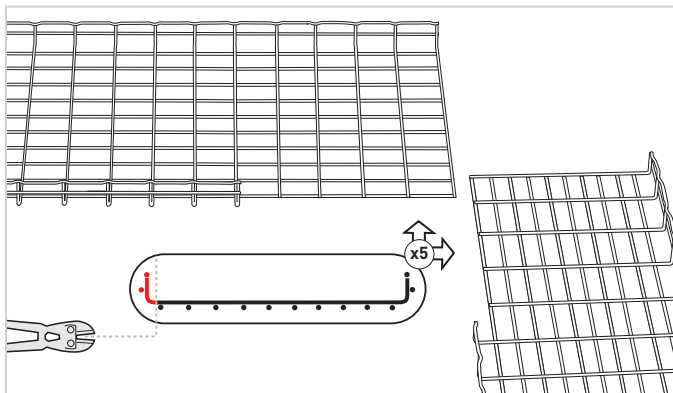
12" (300 MM)



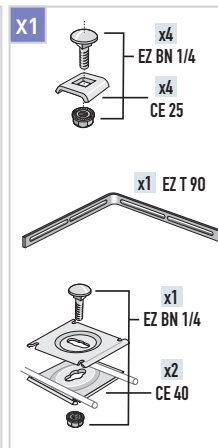
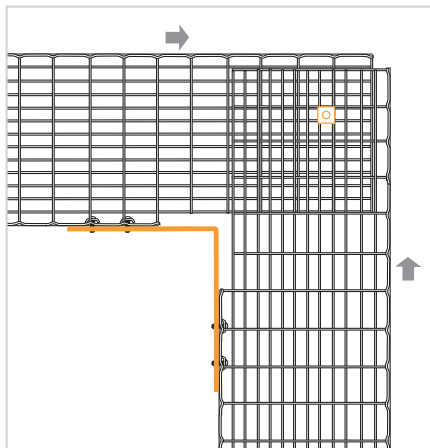
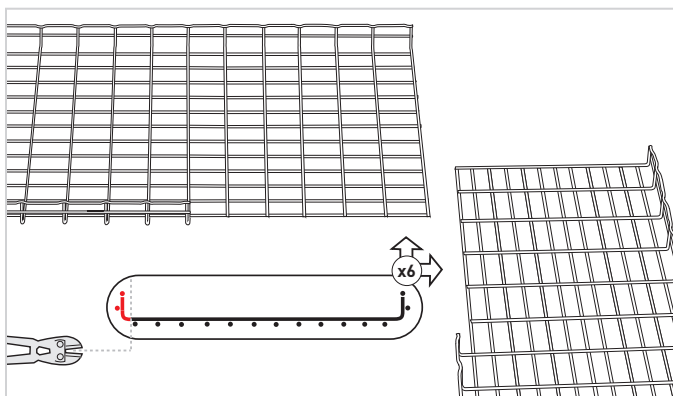
18" (450 MM)



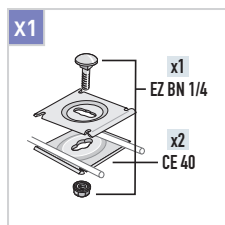
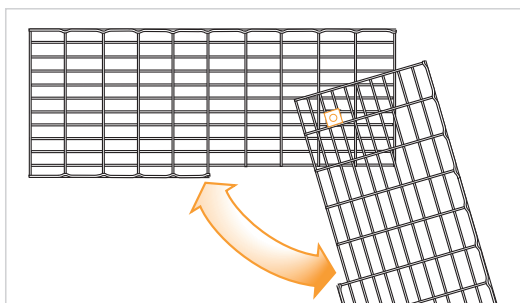
20" (500 MM)



24" (600 MM)

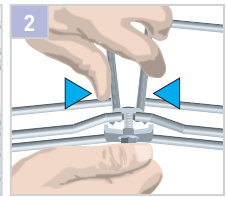
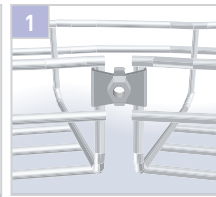
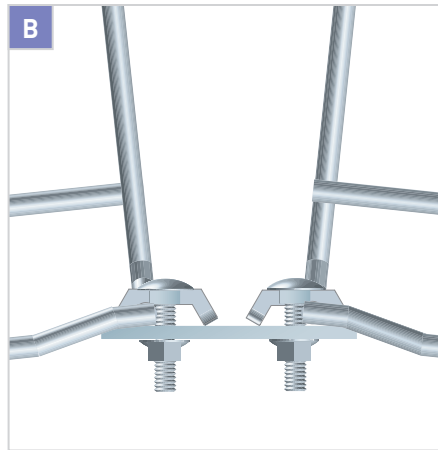
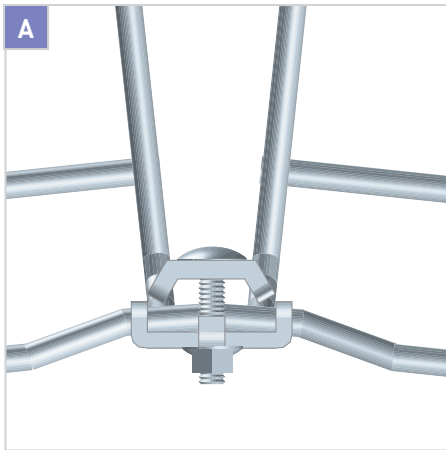


OTHER THAN 90° JUNCTIONS



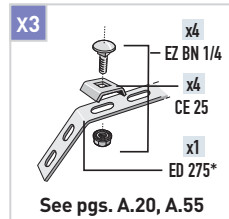
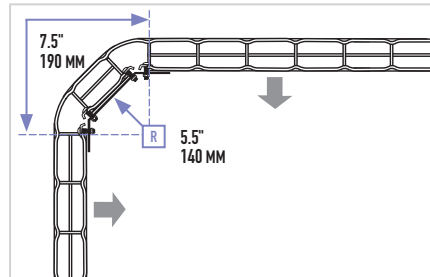
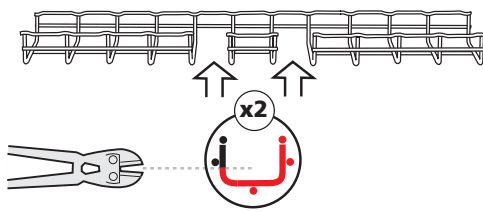
SWEEPS

SWK & EZ BN 1/4 / CE 25 / ED 275

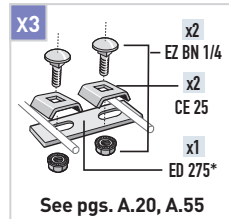
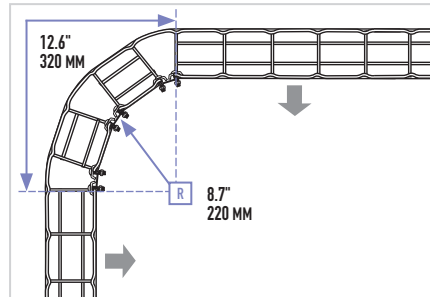
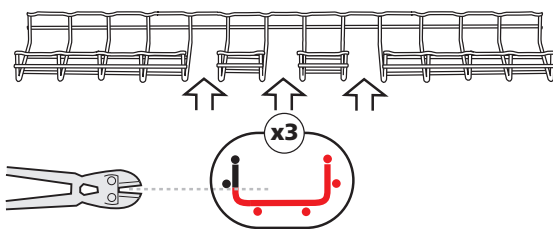


- Sweeps can be formed easily on site by cutting some of the side and bottom wires. Use the SWK method to secure desired curve.
- Always place bolt heads to inside of tray to prevent frayed wires.
- Use bolt cutters to fabricate this part from ED275.

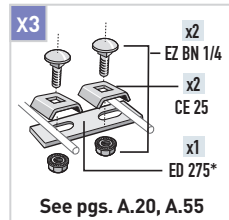
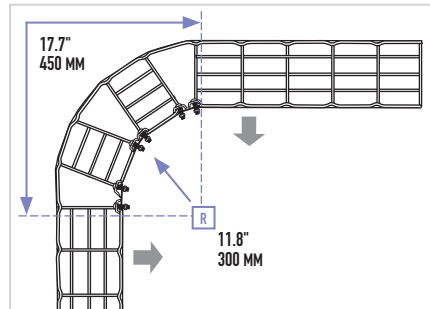
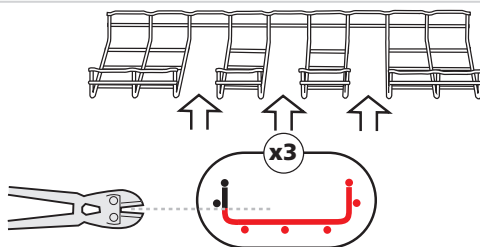
2" (50 MM)



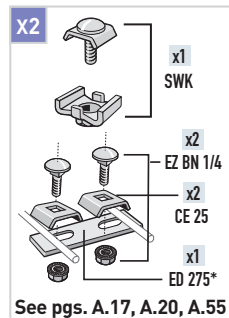
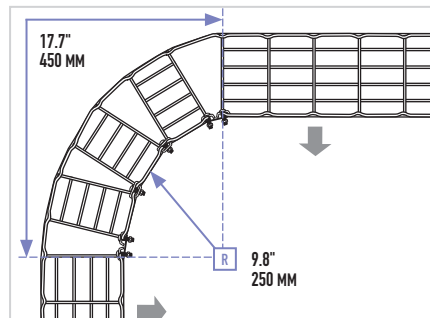
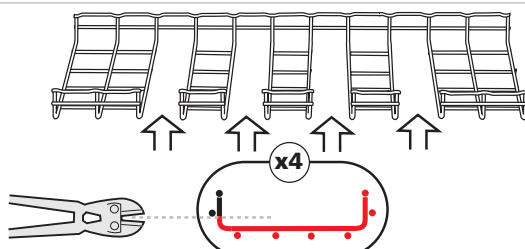
4" (100 MM)



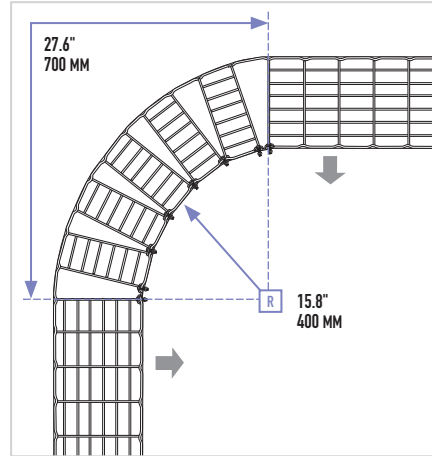
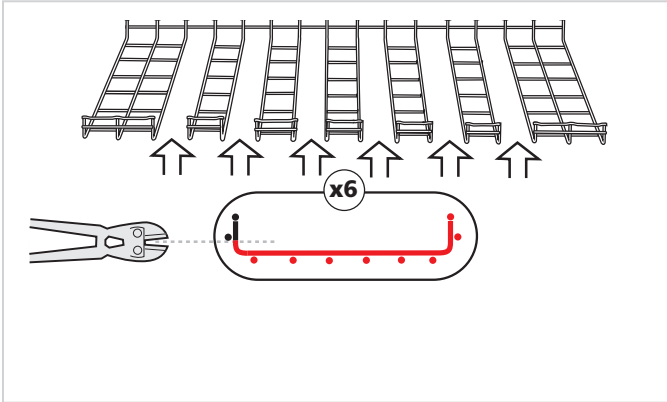
6" (150 MM)



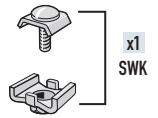
8" (200 MM)



12" (300 MM)

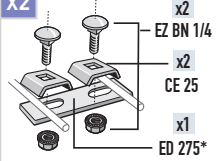


X4



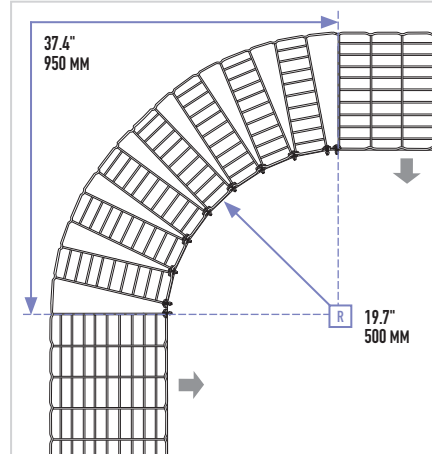
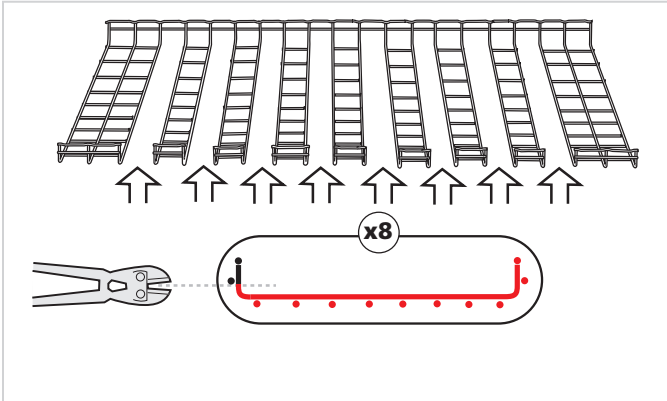
See pg. A.17

X2

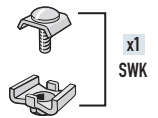


See pgs. A.20, A.55

18" (450 MM)

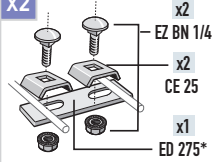


X6



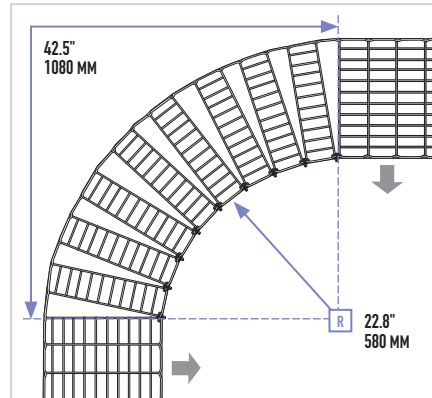
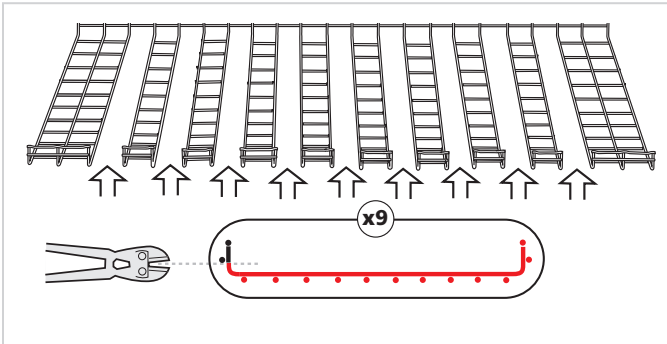
See pg. A.17

X2

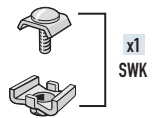


See pgs. A.20, A.55

20" (500 MM)

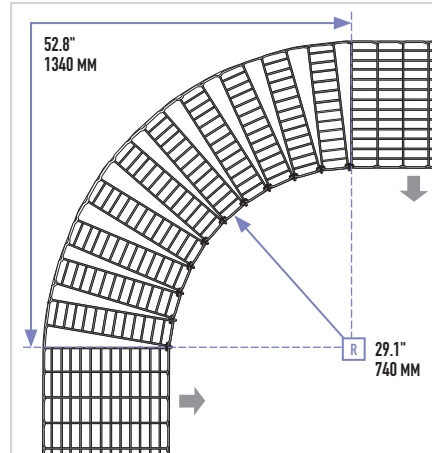
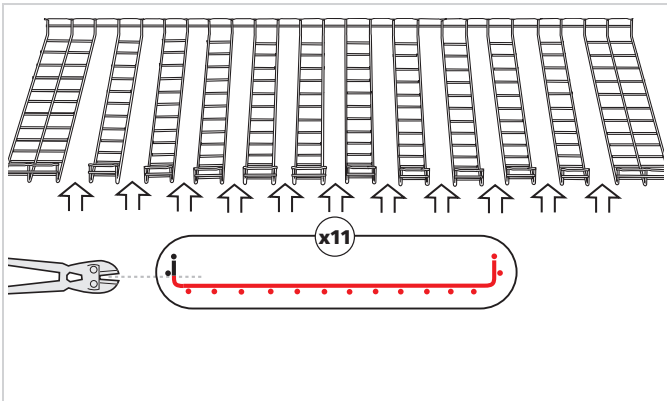


X9

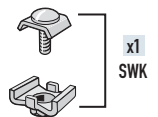


See pg. A.17

24" (600 MM)



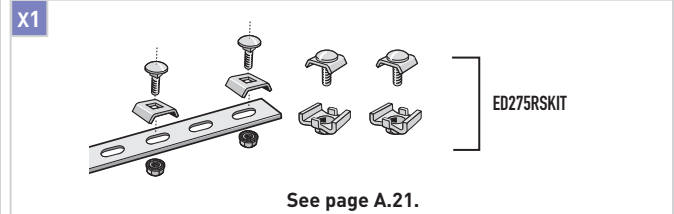
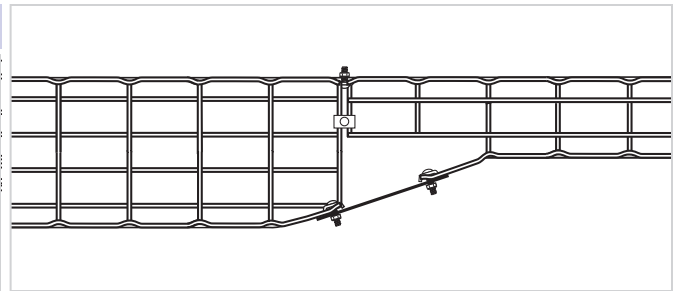
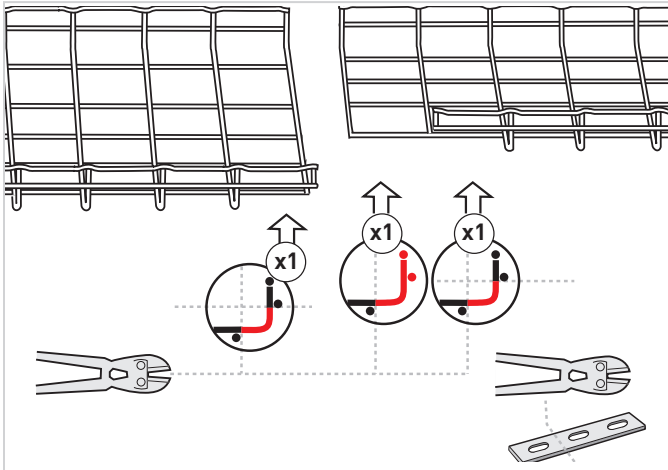
X11



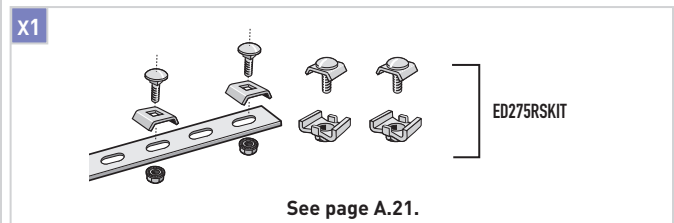
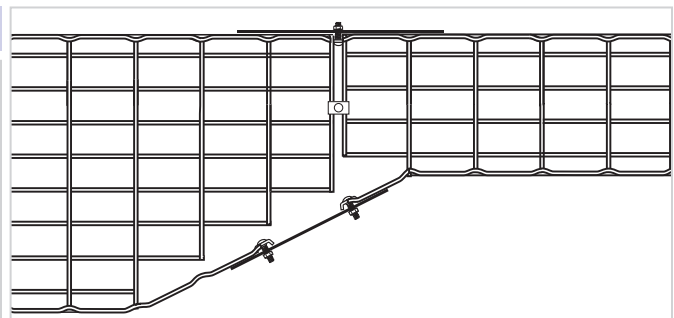
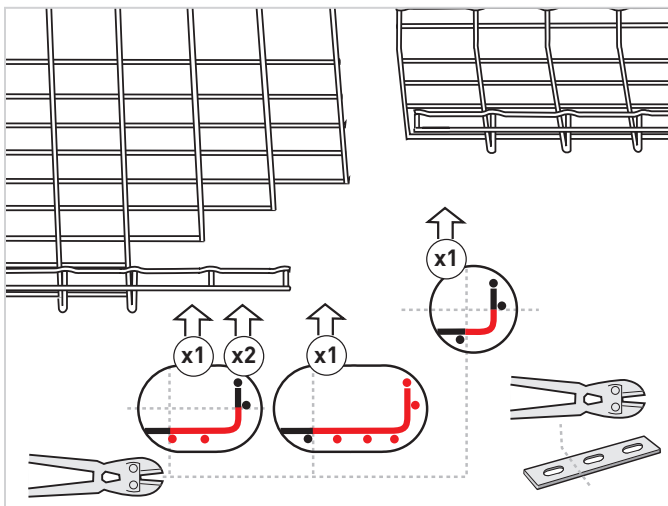
See pg. A.17

REDUCTIONS

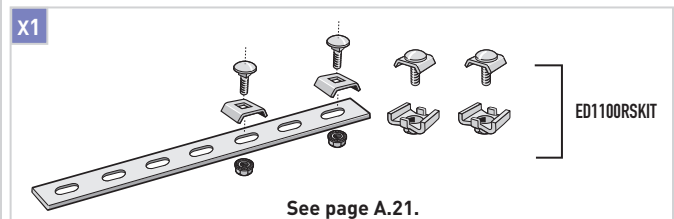
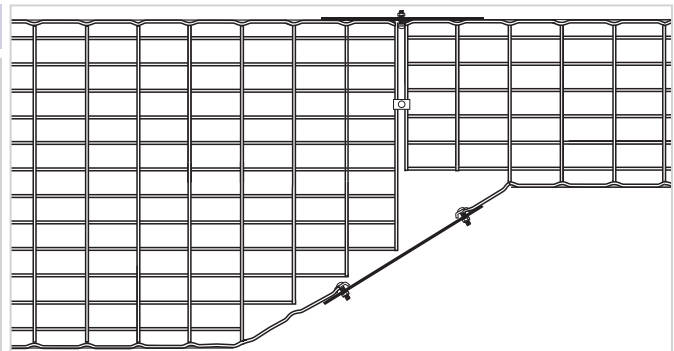
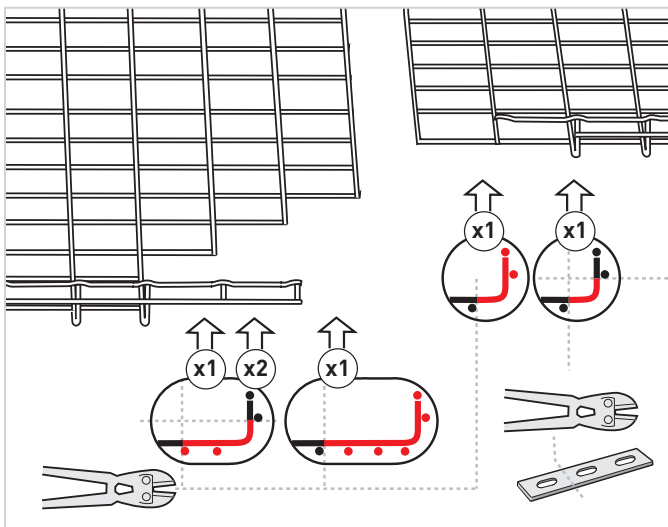
4" (100 MM)



8" (200 MM)



12" (300 MM)



CHANGING LEVELS

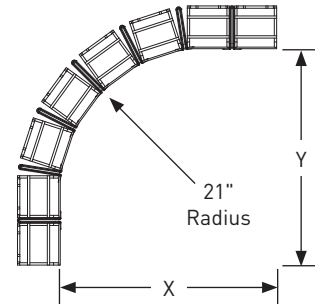
Making a Vertical Drop:

1. Evaluate the below diagrams to determine which provides the best fit
2. Modify the Cablobend by bending individual sections for best fit
3. Lock in unbent sections with bend clips to improve fitting rigidity
4. Splice Cablobend to adjacent tray straight sections with UL listed SWKs

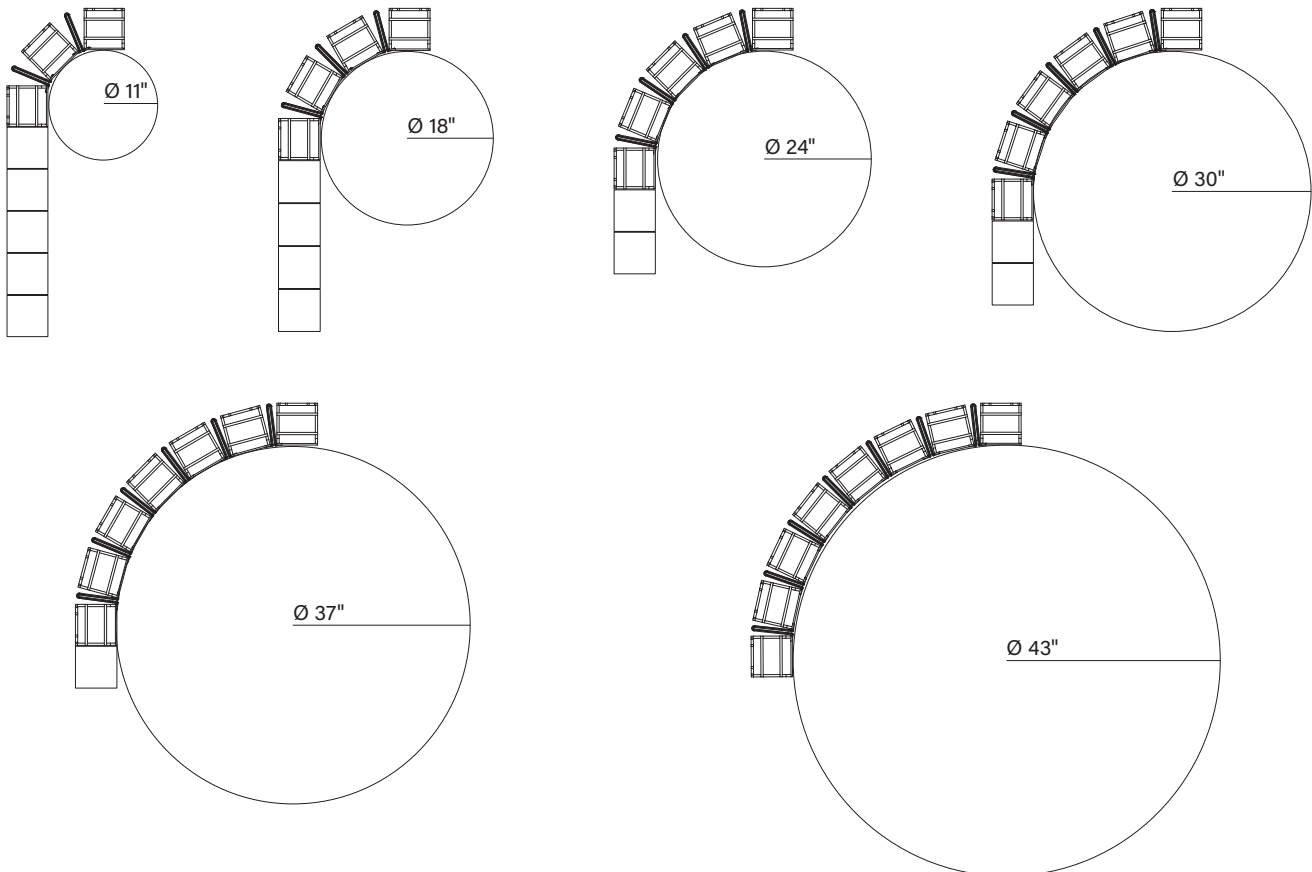
VERTICAL BEND 90 DEGREE (EQUAL DISTANT BEND SEGMENTS)

No. of Sections	Distance (X)	Distance (Y)	≈ Radius
8	21"	21"	23"
7	18"	18"	19"
6	15"	15"	16"
5	12"	12"	13"
4	9"	9"	10"
3	6"	6"	8"

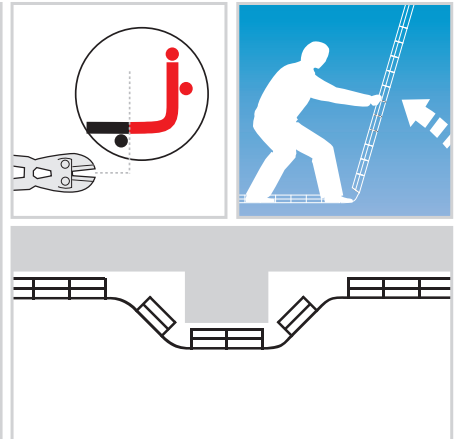
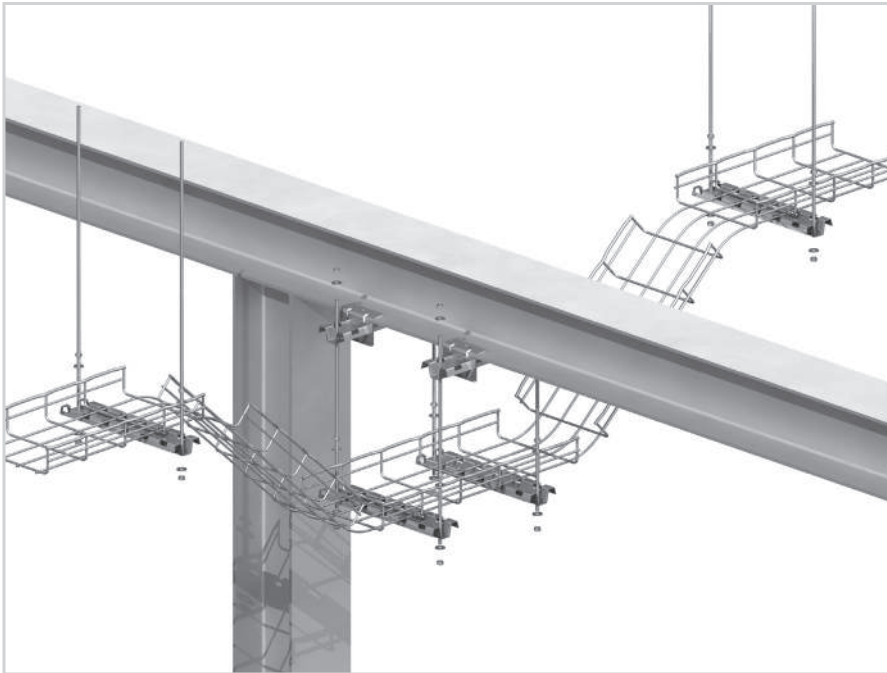
*Two rigid sections shown on each end. Radius = Approximate X or Y dimensions.



Optional - Vertical Bend 90 Degree With One Rigid Section On End

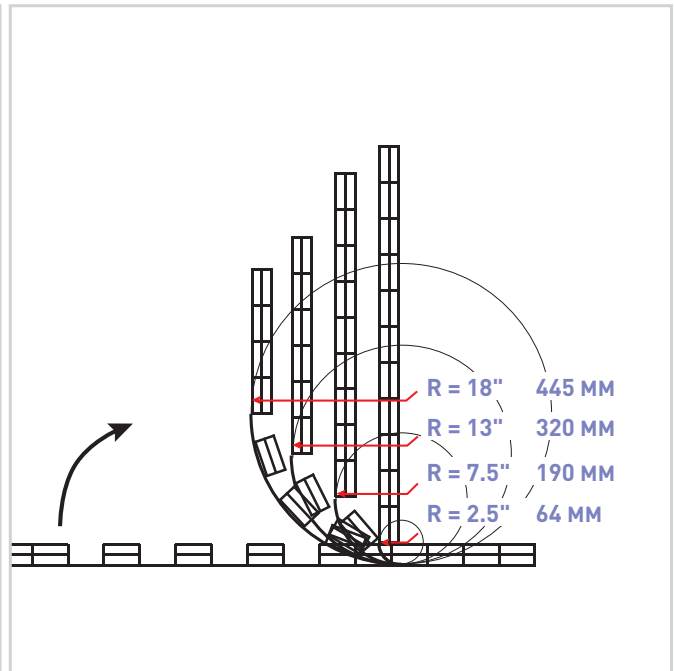
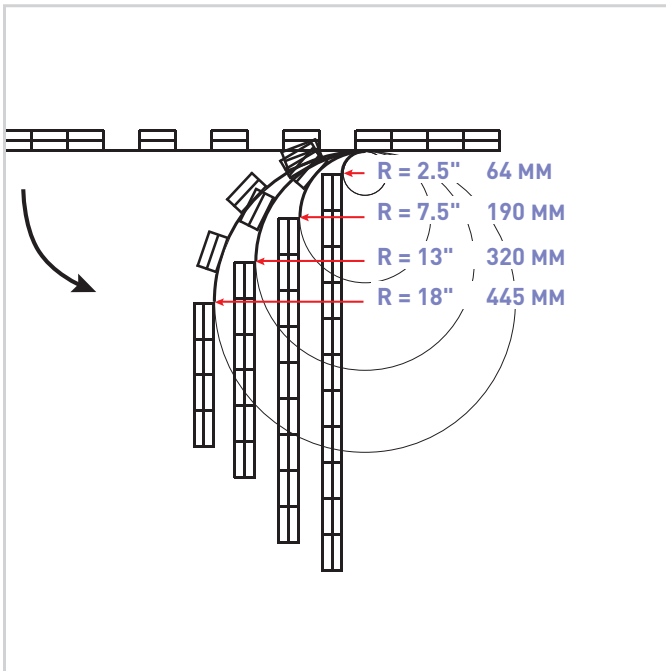


CHANGING LEVELS (cont.)



To avoid obstructions or change levels, cut the side wires as shown and bend Cablofil tray to the angles needed.

CUTTING AND BENDING



PRODUCT SAP INDEX

CABLE TRAY					
PRODUCT NO.	SAP FINISH NO.				
	EZ	GC	304L	316L	BL
CF54/50	000 061	000 063	000 068	000 064	941 101
CF54/100	000 071	000 073	000 078	000 074	941 102
CF54/150	000 081	000 083	000 088	000 084	941 103
CF54/200	000 091	000 093	000 098	000 094	941 104
CF54/300	000 101	000 103	000 108	000 104	941 105
CF54/450	000 251	000 253	000 258	000 254	941 108
CF54/500	000 301	000 303	000 308	000 304	941 109
CF54/600	000 401	000 403	000 408	000 404	941 110
CF105/100	000 891	000 893	000 898	000 894	941 114
CF105/150	000 901	000 903	000 908	000 904	941 115
CF105/200	000 911	000 913	000 918	000 914	941 116
CF105/300	000 921	000 923	000 925	000 924	941 118
CF105/450	001 931	001 933	N/A	N/A	942 463
CF105/500	000 941	000 943	000 948	000 944	941 120
CF105/600	001 031	001 033	001 038	001 304	941 127
CF150/150	000 981	000 983	000 988	000 984	941 124
CF150/200	000 951	000 953	000 958	000 954	941 121
CF150/300	000 961	000 963	000 968	000 964	941 122
CF150/450	001 011	001 013	001 018	001 014	941 125
CF150/500	001 021	001 023	N/A	001 024	941 126
CF150/600	001 041	001 043	N/A	N/A	944 825
ZF150/900	943 161	N/A	N/A	944 390	943 783

G-MINI AND TELEX RAIL				
	EZ	GC	316L	BL
CFG50/100	003 221	003 223	003 224	941 143
CFG50/150	003 231	003 233	003 234	943 114
CFG50/200	003 241	003 243	003 244	941 144
G-MINI	430 111	944 390	430 114	N/A
TXF35	755 001	755 003	755 004	941 407

COVERS AND STANDOFFS				
	PG	GC	316L	BL
CVN50	629 050	629 053	629 054	941 332
CVN100	629 100	629 103	629 104	941 333
CVN150	629 150	629 153	629 154	941 334
CVN200	629 200	629 203	629 204	941 335
CVN300	629 300	629 303	629 304	941 336
CVN450	629 450	629 453	N/A	941 338
CVN500	629 500	629 503	629 504	941 339
CVN600	629 600	629 603	629 604	941 340
CLIPF02	646 200	646 207	646 204	942 807
CTXF35	755 100	755 103	755 104	943 411
UC35	586 160	586 163	586 164	944 754

WIRE DIVIDERS				
PRODUCT NO.	SAP FINISH NO.			
	EZ	304L	316L	BL
COTFIL50	586 721	586 728	N/A	N/A
COTFIL100	586 741	586 748	N/A	945 223

DIVIDER STRIPS				
	PG	GC	316L	BL
COT54	923 020	923 023	923 024	942 284
COT105 KIT	943 413	943 414	943 415	943 416
COT150 KIT	943 418	944 419	945 420	943 421
COTJ	923 050	N/A	923 054	N/A
COTF54 KIT	943 423	943 424	944 425	943 426
COTF105 KIT	943 428	944 429	945 430	943 431
COTF150 KIT	943 433	943 434	944 435	943 436

SPLICES					
	PG	EZ	DC	316L	BL
EDRN50	N/A	558 241	558 247	558 244	941 281
EDRNT00L	N/A	N/A	N/A	N/A	943 408
SWK	N/A	943 215	943 216	943 218	943 217
EACKIT	N/A	N/A	943 131	N/A	944 732
ED275	N/A	558 221	558 223	558 224	941 279
CE35	943509	N/A	N/A	943 249	N/A
CE40	N/A	558 051	558 053	558 054	941 276
EXPANKIT	N/A	943 112	943 932	943 113	944 525
ED275RSKIT	N/A	943 202	943 378	943 203	943 441
ED1100RSKIT	N/A	943 221	944 552	943 222	944 396

TEE KITS				
	EZ	GC	316L	BL
EZT90KIT	941 052	942 686	941 056	942 307
RADT90KIT2	942 911	943 209	945 344	943 027
RADT90KIT4	942 912	943 157	N/A	943 108
RADT90KIT6	942 942	943 160	N/A	943 387
RADT9012KIT2	943 474	943 477	N/A	943 475
RADT9012KIT4	943 478	944 481	N/A	943 479
RADT9012KIT6	943 482	944 485	N/A	943 483

WALL MOUNTINGS				
	PG	GC	316L	BL
FASUCB100	350 810	351 813	352 814	945366
FASUCB150	351 820	352 823	353 824	945369
FASUCB200	352 830	353 833	354 834	945375
FASUCB300	353 840	354 843	355 844	945378
FASUCB450	355 895	356 893	357 894	945381
FASUCB500	356 860	357 863	358 864	945384
FASUCB600	357 870	358 873	359 874	945387
FASL100	556 100	556 103	556 104	941 257
FASL150	556 110	556 113	556 114	941 258
FASL200	556 120	556 123	556 124	941 259
FASL300	556 130	556 133	556 134	941 260
FASL450	556 150	942 957	556 154	942 848
CRP100	N/A	555 213	N/A	N/A
CRP150	N/A	556 223	N/A	N/A

WALL MOUNTINGS				
PRODUCT NO.	SAP FINISH NO.			
	PG	GC	316L	BL
CRP200	N/A	557 233	N/A	N/A
CRP300	N/A	557 243	N/A	N/A
CRP500	N/A	557 263	N/A	N/A
CRP600	N/A	557 273	N/A	N/A
C50	586 130	586 133	587 134	941 308
CAT41	942 720	943 799	944 742	942 800
FV1	586 070	586 073	586 074	942 805

MOUNTINGS				
	EZ	PG	BL	PE
HB2KIT	N/A	942 419	942 319	942 391
HB4KIT	N/A	943 126	943 128	943 129
RB112KIT	943 350	N/A	943373	N/A
EZJB 5/16	942 016	N/A	942 311	N/A

ACCESSORIES				
	EZ	DC/GC	316L	BL
ED1100	558 201	559 203	558 204	941 277
EZ BN 1/ 4	941 084	943 458	941 059	942 308
EZ BN 5/16	942 778	943 500	942 779	942 780
CE 25	558 011	558 013	558 014	941 274

CEILING MOUNTINGS				
	PG	GC	316L	BL
AS	586 020	586 023	586 024	941 301
FASP150	014 150	014 153	014 154	941 153
FASP200	014 200	014 203	014 204	941 154
FASP300	014 300	014 303	014 304	941 155
FASP400	014 400	014 403	014 404	941 156
FASP450	014 450	014 453	014 454	941 157
FASP500	014 500	014 503	014 504	941 158
FASP550	014 550	014 553	014 554	941 159
FASP600	014 600	014 603	014 604	941 160
FASP700	014 700	014 703	014 704	941 162
FASP1000	014 010	014 013	014 014	941 149
FASP2000	014 020	014 023	014 024	941 151
FASP3000	014 030	014 033	014 034	941 152
FASPC150	942 357	942 693	942 477	942 315
FASPC1200	586 200	942 673	942 478	941 310
FASPC1300	586 300	942 674	942 468	941 311
FASPC1400	586 400	942 675	942 479	941 312
FASPC1450	586 450	942 676	942 469	941 313
FASPC1500	586 500	942 677	942 480	941 314
FASPC1600	586 600	942 678	942 481	941 315
FASC100	556 300	556 303	556 304	941 261
FASC150	556 310	556 313	556 314	941 262
FASC200	556 320	556 323	556 324	941 263
FASC300	556 330	556 333	556 334	941 264
FASC450	556 350	556 353	556 354	942 596
SF50	586 140	586 143	586 144	942 593
SF100	586 100	586 103	586 104	942 840
EDF300	561 310	561 313	N/A	942 817
EDF600	557 610	557 613	N/A	942 815
EDF1000	561 090	561 093	N/A	942 813
EDF2000	561 010	561 013	561 014	941 288
EDF3000	561 020	561 023	561 024	941 289
PFREDF	561 080	N/A	561 084	942 761
DF	561 060	561 063	561 064	942 880
ERD10	561 050	561 053	N/A	942 759

SLIP-ON LOCK NUTS				
PRODUCT NO.		SAP FINISH NO.		
	EZ			
SON1/4	943 351			
SON3/8	943 352			
SON1/2	943 353			
SON5/8	943 354			
UNDERFLOOR MOUNTINGS				
	PG	GC	316L	BL
UFC550KIT	943 179	N/A	N/A	943 180
UFC	559 220	N/A	N/A	941 287
UC50	586 040	587 043	586 044	941 304
UFCN150	942 839	945 150	N/A	943 149
UFCN200	942 448	942 718	N/A	942 341
UFCN300	942 449	942 719	N/A	942 342
UFS60/100	586 080	586 083	586 084	941 307
UFS100/150	943 306	N/A	N/A	N/A
UFS100/200	943 307	N/A	N/A	N/A
UFS100/300	943 308	N/A	N/A	N/A
UFS100/450	943 309	N/A	N/A	N/A
UFS100/500	943 310	N/A	N/A	N/A
UFS150/150	943 311	N/A	N/A	N/A
UFS150/200	942 354	N/A	N/A	N/A
UFS150/300	943 312	N/A	N/A	N/A
UFS150/450	943 313	N/A	N/A	N/A
UFS150/500	943 314	N/A	N/A	N/A
UFS200/150	943 315	N/A	N/A	N/A
UFS200/200	943 316	N/A	N/A	N/A
UFS200/300	943 317	N/A	N/A	N/A
UFS200/450	943 318	N/A	N/A	N/A
UFS200/500	943 319	N/A	N/A	N/A
UFS300/150	943 320	N/A	N/A	N/A
UFS300/200	943 321	N/A	N/A	N/A
UFS300/300	943 322	N/A	N/A	N/A
UFS300/450	943 323	N/A	N/A	N/A
UFS300/500	943 324	N/A	N/A	N/A
METAL DROP OUTS				
	EZ/PG	GC	316L	BL
CABLEXIT100	585 160	585 163	585 164	941 299
DROPOUTKIT	942 895	942 897	942 944	942 896
UD08	944 917	N/A	N/A	944 975
UD012	944 918	N/A	N/A	944 976
UD018	944 919	N/A	N/A	944 977
UD024	944 920	N/A	N/A	944 978
PLASTIC DROP OUTS				
	PL			
OTDOFAS	943 779			
CABLEXIT50	944 653			
METAL TRAY INSERTS				
	PG	GC	BL	
INSERT100	942 240	942 697	942 320	
INSERT150	942 241	942 698	942 321	
INSERT200	942 422	942 699	942 322	
INSERT300	942 426	942 700	942 323	
INSERT450	942 427	942 701	942 324	
INSERT500	942 428	942 702	942 325	
INSERT600	942 430	942 704	942 327	
INSERT900	943 367	945 173	945 174	

PLASTIC TRAY INSERTS				
PRODUCT NO.		SAP FINISH NO.		
	YL	WH	BL	
INSERTPP100	945 266	945 034	944 782	
INSERTPP150	945 310	945 069	944 695	
INSERTPP200	945 311	945 120	944 826	
INSERTPP300	9454 238	944 799	944 696	
INSERTPP450	945 240	944 800	944 697	
INSERTPP500	945 312	945 229	944 691	
INSERTPP600	946 313	N/A	944 698	
INSERTPP54/100	945 333	945 177	945 049	
INSERTPP54/150	945 334	945 178	944 907	
INSERTPP54/200	945 335	945 179	944 704	
INSERTPP54/300	945 336	945 115	944 699	
INSERTPP54/450	945 337	945 269	945 307	
INSERTPP54/500	945 340	945 339	945 338	
INSERTPP105/100	945 314	945 180	944 906	
INSERTPP105/150	945 315	945 181	944 702	
INSERTPP105/200	945 100	945 038	944 857	
INSERTPP105/300	945 044	944 935	944 703	
INSERTPP105/450	945 316	945 037	944 709	
INSERTPP105/500	945 317	945 182	944 827	
INSERTPP105/600	945 217	945 028	944 700	
INSERTPP150/150	945 320	945 319	945 318	
INSERTPP150/200	945 322	945 321	944 856	
INSERTPP150/300	945 325	945 324	945 323	
INSERTPP150/450	945 327	945 326	944 936	
INSERTPP150/500	945 300	945 329	945 328	
INSERTPP150/600	945 332	945 331	944 861	
RADIUS SHIELDS				
	PL			
EZT90RS	944 768			
RADT90RS	944 770			
RADT9012RS	945 119			
BRIDGES				
	EZ	BL		
HTB300	944 736	944 737		
HTB450	944 831	944 844		
HXB300	944 734	944 735		
HXB600	944 981	N/A		
BH75KIT	N/A	944 722		
GROUNDING LUGS				
	CU	PG	BL	
GNDSB	942 616	N/A	N/A	
GNDCI	942 866	N/A	N/A	
SCMT	N/A	558 080	941 293	
CONDUIT CLAMP KITS				
	PG			
C50CC12	943 175			
C50CC34	943 176			
C50CC1	943 115			
C50CC114	943 116			
C50CC112	943 117			
CC12KIT	943 238			
CC34KIT	943 239			
CC1KIT	943 240			
CC114KIT	943 241			
CC112KIT	943 242			
CC2KIT	943 243			
CC212KIT	943 244			
CC3KIT	943 245			
CC312KIT	943 346			
CC4KIT	943 246			

CONDUIT ATTACHMENT FITTINGS				
PRODUCT NO.		SAP FINISH NO.		
	EZ	BL		
CE40CC12	943 168	N/A		
CE40CC34	943 169	943 275		
CE40CC1	943 170	943 276		
CE40CC114	943 171	943 277		
CH12KIT	943 192	943 278		
CH34KIT	943 193	943 279		
CH1KIT	943 194	943 280		
CH114KIT	943 195	943 281		
CH112KIT	943 196	943 282		
CH2KIT	943 197	943 283		
CH212KIT	943 198	943 284		
CH3KIT	943 199	943 285		
CH312KIT	943 200	943 286		
CH4KIT	943 201	943 287		
YOKE CLAMPS				
	316L			
YC214KIT	943 253			
YC238KIT	943 254			
YC212KIT	943 255			
YC414KIT	943 256			
YC438KIT	943 257			
BOXES AND BOX MOUNTING				
	PG	GC	316L	BL
CM50I	586 260	586 263	586 264	942 958
TC4KIT	944 478	N/A	N/A	N/A
TC5KIT	944 479	N/A	N/A	N/A
C50	586 130	586 133	586 134	941 308
SBDA	585 210	N/A	N/A	942 950
ANGLE BRACKETS				
	PG	316L	BL	
AB225KIT	943 223	943 224	943 439	
TWIST-ON HORNS				
	PL			
TOH	944 707			
FASTRUT CONNECTORS				
	DC	316L	BL	
FS41	599 007	599 004	942 823	
CABLE TRAY-TO-LADDER CLAMPS				
	EZ	GC	304L	BL
WMC2LA	943 492	943 495	943 496	943 493
VELCRO				
	VC			
EZVC	559 677			
LABELS				
	PL			
CLIPBLACK	559 127			
CLIPWHITE	559 137			
CLIPORANGE	599 147			
CLIPYELLOW	599 157			
CLIPGREEN	599 167			
CLIPBLUE	599 177			
CLIPGRAY	599 197			
FASROLLER				
	PL			
FASROLLER	011 100			



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PW LADDER TRAY

Built to Handle the Load

QUALITY AND INNOVATION FOR OVER 60 YEARS.

Cable tray, introduced in the mid 1940's, has proved to be a very efficient cable management solution. It provides system flexibility and expandability with substantial savings in installation labor and material costs. For more than six decades the PW brand has played a leadership role in the cable tray industry, providing advanced cable management solutions.



Our latest innovation is Itray. It's aluminum cable tray that has been redesigned with stronger side rails and faster splicing options to streamline the engineering, purchasing and installation of cable tray. And continue to look to PW cable management to support extremely heavy cabling and bridge roadways, our exclusive long span/heavy duty cable tray is designed with up to 10" I-beam side rails that can span up to 50' and meet exacting industry and load standards.

Legrand continues to provide contractors and end users with the specific products they need — from standard designs to custom-built products. With our national distribution partnerships and our manufacturing facilities in North America, we are perfectly positioned to supply any sized project — offering excellent service with the best lead times in the industry.

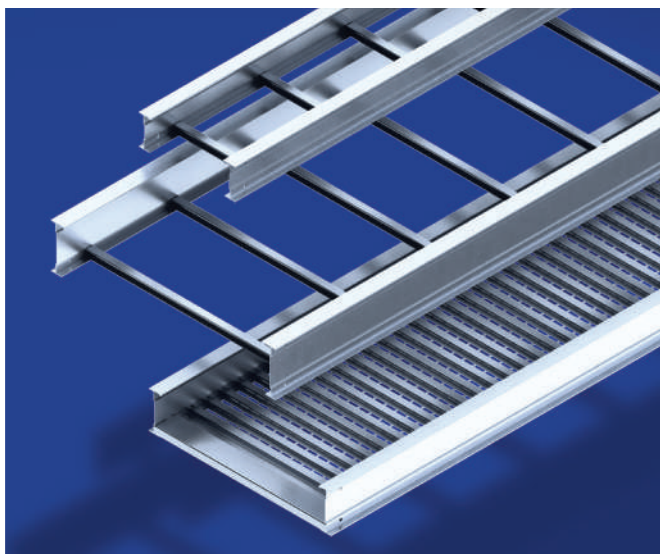
PW LADDER TRAY SYSTEMS



NEW ITRAY ALUMINUM LADDER, TROUGH AND SOLID BOTTOM SYSTEMS

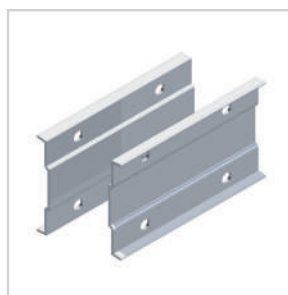
Itray is the newest addition to the PW Line of cable tray products. It was designed to streamline the engineering, purchasing and installation of cable tray. Itray replaces our current "C" aluminum 4" to 7" side rail height cable tray line.

Itray's patent-pending, all-aluminum construction features a space saving I-beam design, a side rail engineered with structural offsets and a matching splice. The I-beam design minimizes total tray width and creates a smooth transition between straight sections and fittings. And Itray splices reduce hardware needs by 50%. These features allow Itray to be installed up to 30% faster than standard tray.



SPLICING MADE EASY

The Itray structural offset side rail and splice design creates a patented splice that is easy to install and strong enough for **mid-span splicing** while maintaining a full NEMA load class. Mid-span splicing significantly lowers overall labor costs by simplifying the design process, reducing the number of splices needed and eliminates extra supports needed at spliced tray sections. For splice fabrication, the Itray splice snaps in place holding both Itray sections while the installer inserts and tightens the four bolts that are



Patent Number – 9.209.609

required. Itray's all aluminum construction features a space saving I-beam design, a side rail engineered with structural offsets and a matching splice. The I-beam design minimizes total tray width and creates a smooth transition between straight sections and fittings. And Itray splices reduce hardware needs by 50%. These features allow Itray to be installed up to 30% faster than standard tray.

STRONGER I-BEAM RUNG DESIGN



Itray also features the strongest rungs in the industry. It's I-beam design reduces twist and deflection under load and heavier I-beam rungs are standard on wider tray without special order.

SMOOTHER FINISHED INSTALLATIONS

Itray straight sections and fittings match perfectly creating a smooth side rail edge for a natural cable pathway that makes pulling cable easier and with less chance of damage to the cable sheath. Itray features a 3" tangent that follows industry standards and the symmetric side rail design allows smooth ceiling to wall transitions without the need for field fabrication. Transition splices are available for older, existing installations.



VIEW THIS VIDEO FOR A COMPLETE
PRESENTATION ON ITRAY

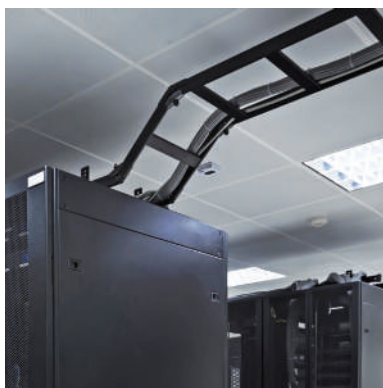


METALLIC AND FIBERGLASS LADDER, TROUGH AND SOLID BOTTOM SYSTEMS

PW cable tray is a fabricated structure consisting of two side rails connected by individual rungs or bottom. Side rails are 4" to 10" high. Widths are 6" to 36". Bottom options include Ladder, Vented Corrugated Bottom, Solid Corrugated Bottom, and Flat-Sheet Solid Bottom designs.

A wide range of load and span designations are available for every possible application, from trays for commercial use where spans over 8' are required, to trays for longer spans required in industrial applications. Also available are trays built for extremely long spans – up to 50' – for special applications like roadway crossings and pipe bridges.

Our product line includes trays, fittings, covers, firewall penetration sleeves, and other accessories. These products are available in hot-dipped galvanized steel. For extremely corrosive applications we have product lines in 304 and 316 stainless steel or polyester and vinylester fiberglass.



CABLE RUNWAY

Cable Runway is available in a lightweight version with tubular side rails and a solid bar side rail option for maximum support strength. Both styles have tubular steel rungs. Commonly used in telecommunication, voice, and data applications, runway is typically mounted directly above or to computer racking systems, enclosures, and relay rack cabinets. Cable Runway is available in yellow-zinc dichromate as required for UL Classified installations as an equipment ground conductor, and a range of powder-coated finishes.



CABLE CHANNEL TRAY

Cable Channel is suited for industrial facilities, chemical plants and any application with a harsh environment. Coupled with ITray, Cable Channel offers a durable, flexible, open system that is commonly used for small runs of cable or drops to equipment or junction boxes.

The patent-pending side-wall design of our Aluminum Cable Channel makes for a super-strong splice that's easy to install and makes spans up to 16' possible. Optional push pin hardware snaps in-place without any tools or welding, creating a splice with excellent load capacity. Available in 4" and 6" widths and lengths up to 20'.

Also offered is a hot-dipped galvanized finish and 316L stainless steel for extremely corrosive applications. A complete line of accessories is available, including covers and fittings.

PW LADDER TRAY

Understanding Our Products

TRAY OPTIONS

It is essential to consider the type and quantity of cables to be installed in the cable tray when planning your project. Refer to Article 392 of the National Electrical Code (NEC) for guidelines on calculating the cable tray depth and width.

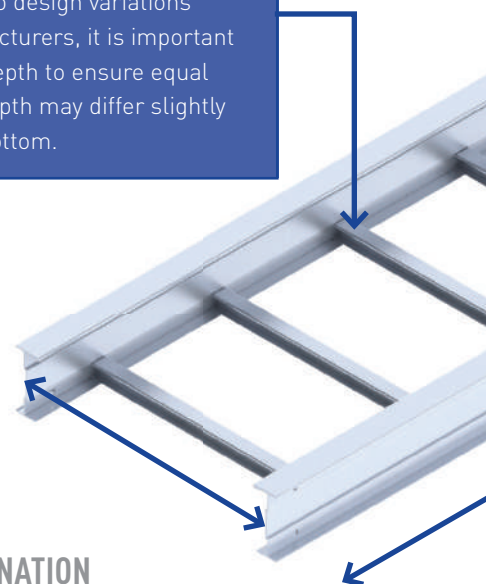
LOAD DEPTH: Interior depth of the cable tray that is available for cable fill. Specifications for cable trays should include a specific requirement for the tray load depth. Due to design variations between different manufacturers, it is important to specify an exact load depth to ensure equal performance. The load depth may differ slightly based on choice of tray bottom.

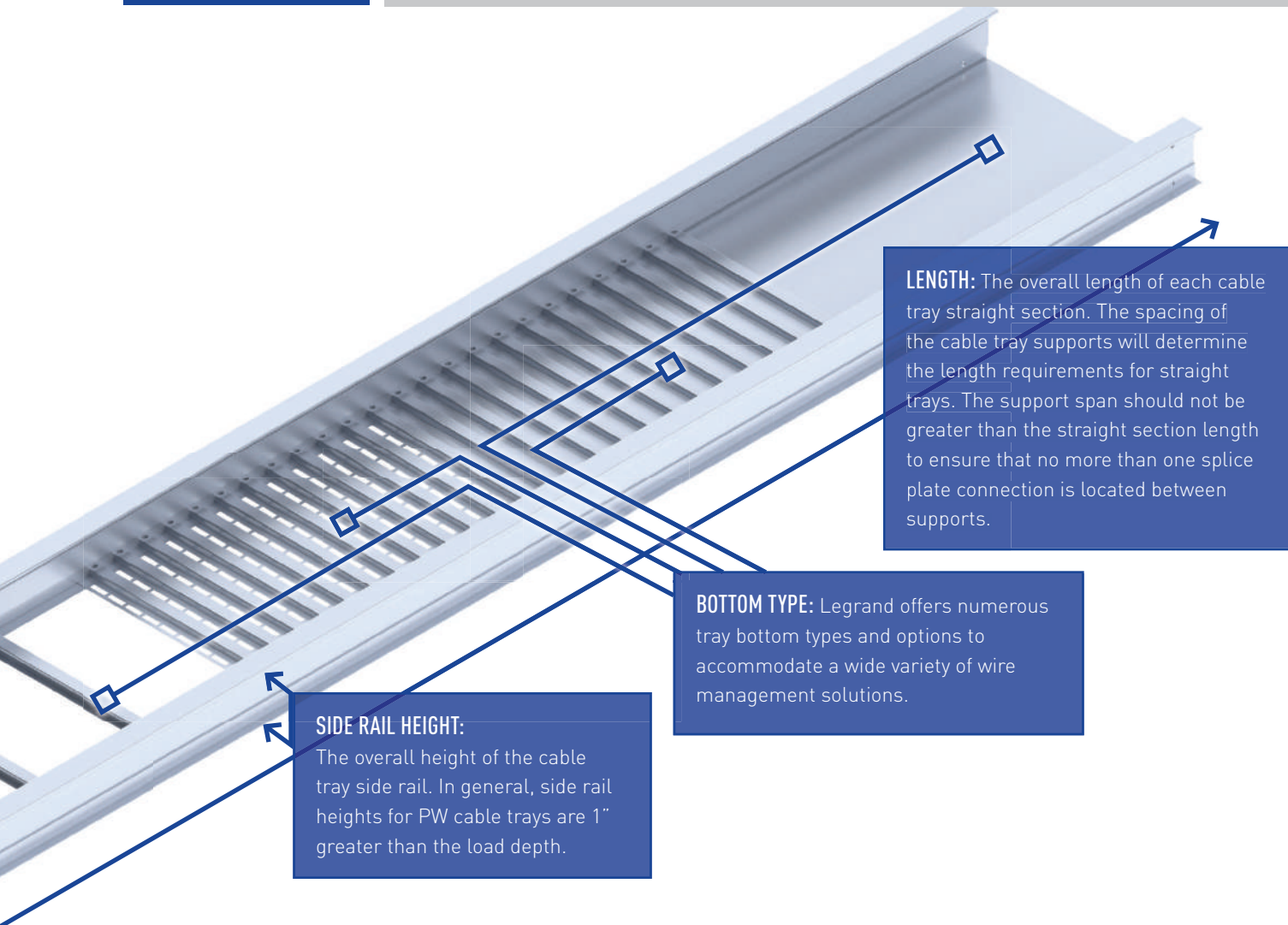
WIDTH: Interior width of the tray or channel that is available for cable fill.

LOAD/SPAN CLASS DESIGNATION

THE LOAD/SPAN CLASSIFICATION describes the cable tray's load-carrying capability for a specific support span. A classification should be selected that reflects the actual working load and support span for each application. This designation directly affects the cost of the tray, so the proper selection is essential to determine the most economical cable tray system necessary for each project. Please consult with Legrand for working loads and support spans that fall outside the boundaries of the Load/Span Classes shown.

CONCENTRATED STATIC LOAD: In addition to an evenly distributed cable load, it is occasionally required that the cable tray system be capable of supporting a concentrated static load. A concentrated static load represents a static weight applied on the centerline of the cable tray at midspan. The concentrated static load in lbs. may be converted to an equivalent uniform load (We) in lbs./ft., using the following formula, and added to the static weight of cables in the tray. A NEMA Load Class can then be selected that reflects the combination of the cable load and converted static load.





LENGTH: The overall length of each cable tray straight section. The spacing of the cable tray supports will determine the length requirements for straight trays. The support span should not be greater than the straight section length to ensure that no more than one splice plate connection is located between supports.

BOTTOM TYPE: Legrand offers numerous tray bottom types and options to accommodate a wide variety of wire management solutions.

SIDE RAIL HEIGHT:

The overall height of the cable tray side rail. In general, side rail heights for PW cable trays are 1" greater than the load depth.

$$W_e = \frac{2 \times (\text{concentrated static load, lbs.})}{\text{support span length, ft.}}$$

Example: A 200 lb. concentrated load is to be applied to a cable tray that is supported on a 12 ft. support span. Using the formula above, the equivalent uniform load $W_e = 2 \times 200 / 12 = 33$ lbs. per linear foot. This should be added to the anticipated cable load to determine the appropriate Load/Span Class for the cable tray.

Note: To accommodate concentrated loads, some circumstances may require cable trays to have reinforced side rails or bottom members. Therefore, it is recommended that you consult with Legrand when considering concentrated loads or any other special cable tray loading requirements.

LOAD/SPAN CLASS DESIGNATIONS				
WORKING LOAD lbs/ft (kg/m)	SUPPORT SPAN, ft. (m)			
	8 ft. (2.4 m)	10 ft. (3.0 m)	12 ft. (3.7 m)	20 ft. (6.0 m)
25 (37)	—	A	—	—
45 (67)	—	—	—	D
50 (74)	8A	—	12A	20A
65 (97)	—	C	—	—
75 (112)	8B	—	12B	E or 20B
100 (149)	8C	—	12C	20C
120 (179)	—	D	—	—
200 (299)	—	E	—	—

WORKING LOAD: Total load of cables installed and uniformly distributed in the cable tray.

SUPPORT SPAN: Maximum distance between cable tray supports.

CLASSES 8, 12, 20 / A, B, C: NEMA designations, published by the National Electrical Manufacturers Assoc. in Standard VE1.

CLASSES A, C, D, AND E: CSA designations, published by the Canadian Standards Association in Standard C22.2, No. 126.

PW LADDER TRAY

FITTINGS, ACCESSORIES AND HARDWARE

A complete cable tray system includes fittings, accessories, supports, and hardware. Consider the following components when designing a cable tray system:

FITTING RADIUS: The nominal bend radius for fittings should not be less than the minimum allowable bending radius for the cables to be installed in the tray. Cable manufacturers typically publish the minimum bending radius as a multiple of the cable diameter.

EXPANSION CONNECTORS AND SUPPORTS: It is important to consider thermal expansion and contraction in the cable tray system, especially for outdoor applications. NEMA Standards Pub. VE2 addresses the proper installation and spacing of expansion connectors, expansion guides, hold down clamps, tray supports, and bonding jumpers.

COVERS: Cable tray covers are often needed to contain and protect tray contents. Carefully select a specific cover design and specify the proper attachment hardware needed for indoor, outdoor, or vertical installations.

DIVIDERS: In some applications, the NEC requires the use of tray dividers to separate cables. Multiple dividers can also easily help manage complex wiring systems.

GROUNDING: All aluminum and galvanized steel cable trays manufactured by Legrand are classified by UL as equipment grounding conductors with specific ampere ratings per NEC 392. To maintain electrical continuity, bonding jumpers should be installed at mechanically discontinuous locations and sized in accordance with the rating of the cable tray system.

HARDWARE: Screws, nuts, bolts, etc. for assembling cable tray connectors and accessories are normally provided in zinc plated or geomet steel, adequate for most applications. Some moist, outdoor, or corrosive environments may require the use of stainless steel hardware for better performance. All PW cable tray connectors and most accessories are available with optional Type 316 stainless steel hardware.

Ordering

Our Products

MATERIALS

The selection of cable tray material depends on many factors including environmental conditions, corrosion resistance, aesthetics, and material handling.

		DRY INTERIORS	EXTERIORS	CORROSIVE	HIGHLY CORROSIVE	FASTENER FINISHES
A	ALUMINUM; MARINE GRADE; COPPER FREE ALLOYS 6063-T6, 5052-H32 & 3003	●	●			ZN GE S6
M	MILL GALVANIZED STEEL (Before Fabrication) ASTM A653 G90	●				ZN GE
Z	ELECTRO-GALVANIZED STEEL ASTM B633 SC2	●				ZN GE
G	HOT-DIP GALVANIZED STEEL (After Fabrication) ASTM A123		●	●		GE S6
L	STAINLESS STEEL ASTMA240 Type 304L			●		S4 S6
T	STAINLESS STEEL ASTMA240 Type 316L			●	●	S6
F	FIBERGLASS ASTM E-84 Class 1				●	S6 FG
PE	SPECIAL FINISHES ASTM D3451 (for powder paint only)	●	●	●		
C	COPPER					
N	NYLON					
V	VINYL					

● Recommended ● Possible

METALS

PW from Legrand, a pioneer in the development of cable trays, first made a complete study of the metals available in order to create those systems that would be unmatched in economy and strength. Inherent are the problems connected with the environment and its effect on the life of metals, including weathering and corrosion by electro-chemical and chemical attack.

G Steel – Hot-Dip Galvanized After All Fabrication and Welding

Commercial quality steel is used for this type of coating, which is described below. This steel is either hot rolled, pickled and oiled, or cold rolled, mild carbon steel.

M Steel – Mill Galvanized (Pre-Galvanized)

Where heavy zinc coating is not necessary, steel with a continuous hot rolled zinc coating conforming to ASTM specification A653 designation G90 is used. Products made with mill galvanized steel are generally lower in cost than the same products that are hot dip galvanized after fabrication. However, see the limitations under “Finishes” later on this page.

L T Stainless Steel

18-8 stainless steel type 304 and marine-grade type 316 is available for most PW products. Certain hardware items are made only from 18-8 stainless steel. Stainless steel components are compatible for use with hot dip galvanized, mill galvanized, and aluminum products. Complete cable tray systems can be furnished in stainless steel.

A Aluminum Alloys

The principal aluminum used for tray side rails, rungs, and channels is extruded, copper-free alloy 6063-T6. The term “copper free” references the fact that copper is not used as an alloying element which dramatically improves the corrosion resistance of aluminum. This alloy is used for structural members where extreme stiffness and high tensile strength are mechanically required to resist high unit stresses. This is called a “magnesium based alloy”.

Alloy 5052-H32 is used for components fabricated from sheet (except covers) such as connectors, blind ends, dropouts, etc. This is a magnesium based alloy, often referenced as copper free, and very compatible with alloy 6063-T6. This alloy possesses excellent characteristics for stamped and formed components.

Alloys 3003 and 3105 are used for aluminum covers. These alloys are similar in corrosion resistance to alloys 6063-T6 and 5052-H32.

GE Geomet

As a part of a sustainability initiative, Legrand has been replacing all cadmium-coated parts in its PW product line with Geomet coatings. It is a higher quality alternative to cadmium-coated parts exhibiting equal corrosion-resistant characteristics and mechanical benefits in outdoor installations. Geomet is a thin coating best suited for fasteners and threaded parts requiring high corrosion resistance and conforms to ASTM F1136. It's resistant to mechanical damage, performs at temperatures up to 300°C and features a silver metallic finish.

Geomet is a cost-effective alternative to stainless steel hardware and is recognized by industry experts as a premium alternative to Hot-Dipped Galvanized or other ZN-AL coatings. Geomet is chromium-free, contains no toxic metals and has been approved by the EPA, OSHA and is RoHS compliant. It is a water-based coating that improves worker safety and contains no harmful VOCs.

FINISHES

Steel – Hot-Dip Galvanized After All Fabrication and Welding:

This high-quality coating is created in a multi-step process and applied to the completed product after all fabrication and welding. First the steel is cleaned by immersing it in a caustic dip tank, then pickled, and finally washed. The article is then dipped into a molten zinc bath. All surfaces are thoroughly coated. Hot dip galvanizing after all fabrication and welding is done on PW products in accordance with ASTM Specification A123. This coating, applied to steel trays, provides greatest protection at lower cost.

Due to the high temperatures associated with the hot dip process, some warping of the metal is common. This occurs most frequently with products having large, flat surfaces such as covers. To minimize warping, PW uses thicker sheet metal for covers. This does reduce warping, but does not eliminate it.

Mill Galvanized (Pre-Galvanized)

This coating is applied onto steel sheets at the mill in accordance with ASTM Specification A653 and results in a coating thickness of 0.90 ounces per square foot total for both sides. This coating adheres tightly to the base metal at bends and compound curves. Being a hot dip coating prior to tray fabrication, and of a controlled thickness about one-third that of hot dip galvanized after fabrication, it is not generally used outdoors. It is not recommended for areas where there is a concentration of moisture and/or chemical deposits. This material gives excellent service in dry, normal, or controlled atmospheres.

Some Helpful Hints On Which Zinc Coating To Select

1. Protection of the base metal is directly proportional to the zinc coating thickness. Hence, thicker coating means longer life. At sheared or punched locations, zinc on mill galvanized steel is wiped down over approximately $\frac{1}{3}$ of the metal thickness giving some sacrificial protection in the presence of an electrolyte. On hot dip galvanized after fabrication, all edges are coated but the original cost is higher.
2. The edges of holes in mill galvanized steel will have no coating; however, a small sacrificial protection is afforded by the top and bottom surfaces of the sheet. The hot dip galvanized comment above applies here.
3. If moisture and drippings accumulate, consider hot dip galvanized after fabrication to avoid premature deterioration at those locations.
4. Covers are typically made from mill galvanized steel in order to avoid the poor appearance caused by severe warping of such large flat surfaces when hot dip galvanized after fabrication.

Other Coatings

Occasionally, other highly special coatings are required such as powder coating, epoxy painting, standard painting, primer paint, and others. Legrand engineers are available for consultation on these coatings and their application to PW trays.

THERMAL CONTRACTION AND EXPANSION

Expansion Splice Plate Installation

It is important that thermal contraction and expansion be considered when installing cable tray systems. The length of the straight cable trays runs and the temperature differential govern the number of expansion splice plates required (see Table 1).

Proper operation of the expansion splice plates depends upon correct placement of the tray supports, hold down clamps and expansion guides as shown.

Hold Down Clamps should be used at the support point nearest to the midpoint between expansion gaps.

Expansion Guide Clamps should be used at all support points other than the midpoint. These clamps should be installed in such a way to allow the tray to slide freely under the clamp when thermal contraction and expansion takes place.

Tray supports with expansion guide clamps may be located at 1/4 span. For all other product lines, supports with expansion guide clamps should be located within 24" of each side of expansion splice plates. Reference Figures 2a and 2b on catalog page B.9

Accurate gap settings between trays at the expansion joint at the time of installation are necessary for the proper operation of the expansion splice plates. Use the following procedure to determine the correct gap setting:

- A** Determine what the maximum temperature will be at the installation location and plot this point on the graph on the max. temp line. (Example value = 100)
- B** Determine what the minimum temperature will be at the installation location and plot this point on the graph on the min. temp line. (Example value = -30).
- C** Draw a line between the maximum and minimum points.
- D** At the time of installation, determine the air temperature. (Example = 50). Plot this point on the line drawn between the maximum and minimum temperatures to determine the correct gap setting at the expansion plate. (Example = 3/8").

Table 1

TEMPERATURE DIFFERENTIAL		MAXIMUM SPACING BETWEEN EXPANSION JOINTS FOR 1" MOVEMENT (FT.)					
°F	°C	A	M	G	L	T	F
25	14	260	512				667
50	28	130	256				333
75	42	87	171				222
100	56	65	128				167
125	70	52	102				133
150	83	43	85				111
175	97	37	73				95

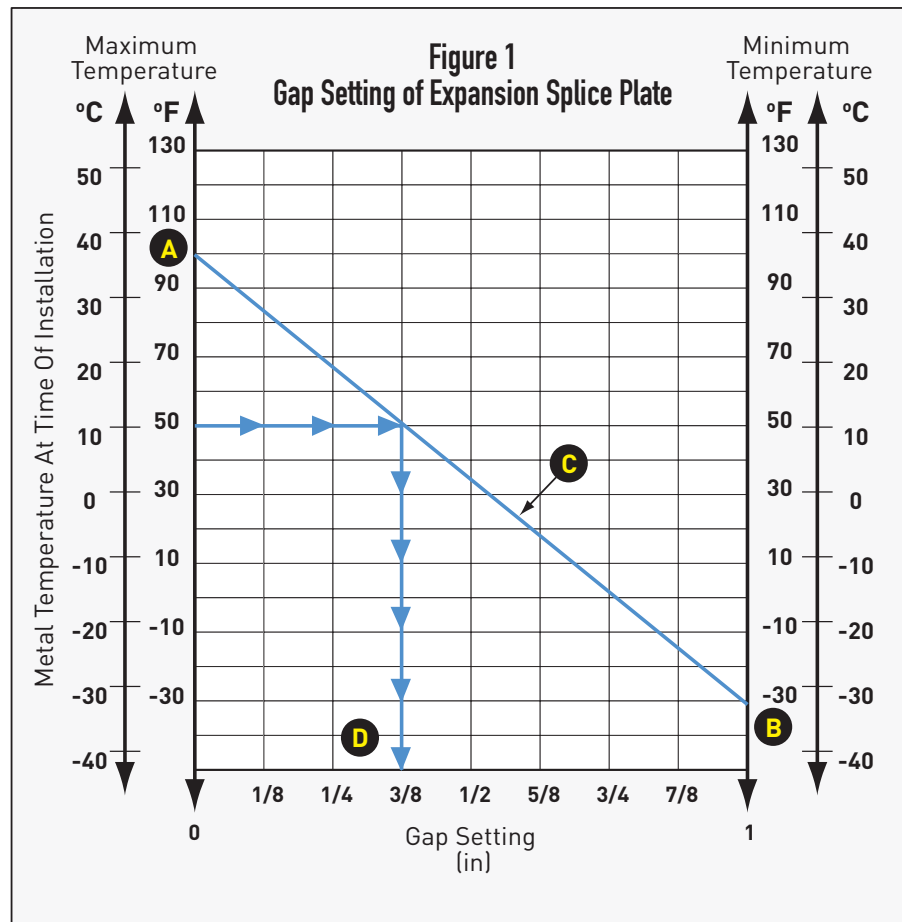
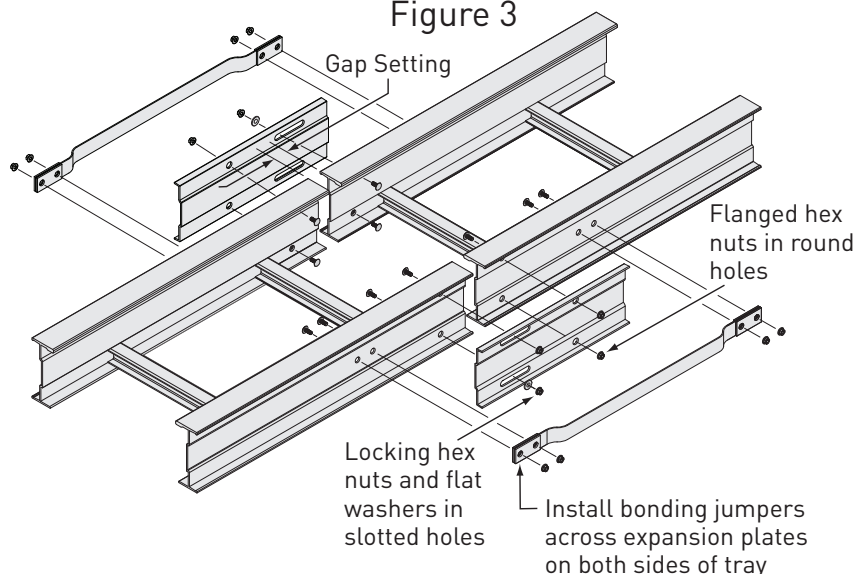


Figure 3



Expansion splice plates should be placed on the outside of the cable tray on both side rails. The screw heads should be on the inside and nuts on the outside of the cable tray. Tighten the lock nuts on the screws in the slotted holes fully, then back off 1/2 turn, allowing the bolt to move freely in the slot.

Figure 2a
Itray Expansion Connector Installation Locations

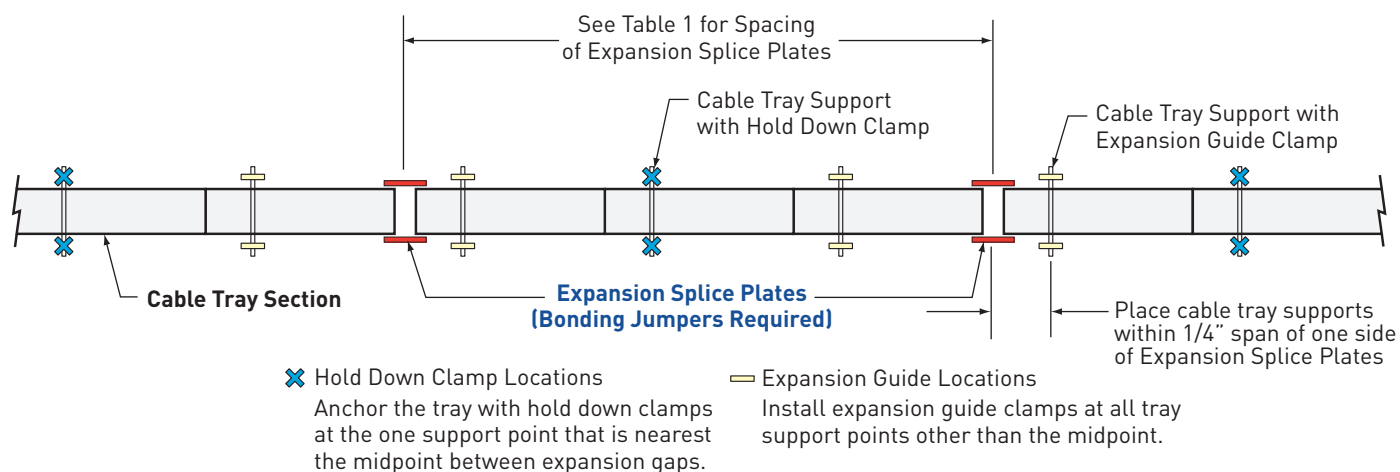
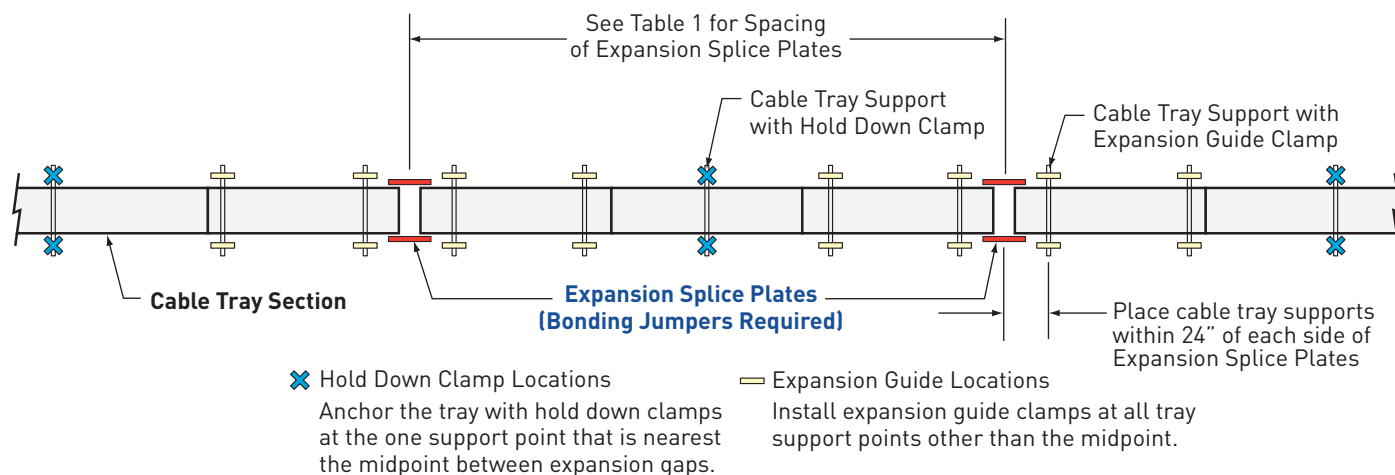
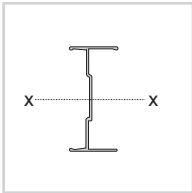
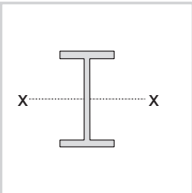


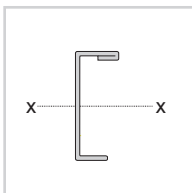
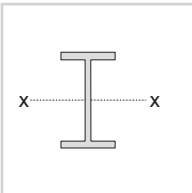
Figure 2b
Expansion Connector Installation Locations



LADDER TRAY SIDE RAILS

The mechanical properties of cable tray side rails for straight tray sections are shown for all standard systems. Side rails used for fittings may have slightly different dimensions since they must be suitable for bending into curved sections. Fitting side rails are designed to meet or exceed the loading requirements of the straight tray sections with which they are used when supported per NEMA VE2 installation guidelines. Although the cross-sectional dimensions of the fitting side rails may be slightly different than the straight section side rails, all aspects of fitting design are in accordance with NEMA VE1 requirements. Please contact Legrand for detailed information on fitting side rails.

 ITRAY I-BEAM A				
RAIL HEIGHT (IN.)	NEMA CLASS	PRODUCT NUMBER	I _x MOMENT OF INERTIA (IN. ⁴)	S _x SECTION MODULUS (IN. ³)
4	12B	4A12B	1.343	0.626
	12C	4A12C	1.418	0.646
	20B	4A20B	2.717	1.103
5	12C	5A12C	2.288	0.859
	20B	5A20B	3.344	1.146
6	12C	6A12C	3.993	1.182
	20B	6A20B	5.441	1.549
	20C	6A20C	6.380	1.836
	24C	6A24C	8.128	2.349
7	12C	7A12C	5.403	1.106
	20B	7A20B	7.675	1.896
	20C	7A20C	9.803	2.471
	24C	7A24C	12.092	3.005
 I-BEAM A				
8	20C+	S2	25.8053	7.1067
			26.3140	7.3722
10			70.3837	15.2789

		C-CHANNEL G		
RAIL HEIGHT	NEMA CLASS	SERIES	I _k MOMENT OF INERTIA (IN. ⁴)	S _x SECTION MODULUS (IN. ³)
4	12B	S1	0.6214	0.3517
	12C, 16A		0.7417	0.4110
	20A, 16B	S2	1.0593	0.5860
	20B, 16C		1.3781	0.7984
	20C		1.7934	1.0044
5	12B	S1	1.0785	0.4796
	12C, 16A		1.2925	0.5645
	20B, 16C	S2	2.3334	1.0632
	20C		3.1670	1.4398
6	12B	S1	1.7047	0.6234
	12C, 16A		1.7873	0.6733
	20B, 16C	S2	2.7718	1.0001
	20C		3.4185	1.2324
7	12B	S1	2.5243	0.7830
	12C, 16A		2.6403	0.8411
	20B, 16C	S2	4.0298	1.2366
	20C		4.9763	1.5260
		I-BEAM G		
8"	20C+	S2	18.5	4.62
			30.8	7.81
10"			68.9	13.8

RUNG DESIGNS

PW offers a wide range of rung design options for special load applications. Extremely heavy cable loads, concentrated static loads, and heavy snow or ice loads may require rungs with greater load capacities than standard designs.

STANDARD RUNGS AND BOTTOMS - ALUMINUM A			STANDARD RUNGS AND BOTTOMS - STEEL G L T		
TYPE		USE	TYPE		USE
AL		I-BEAM RUNG, 1" DEEP STANDARD FOR MOST LADDERS UP TO 24" WIDE	HL HH		HAT RUNGS, SOLID STANDARD FOR LADDER TRAYS
AH		HEAVY I-BEAM RUNG, 1" DEEP STANDARD FOR MOST LADDERS 30" AND WIDER	BX BH		BOX RUNG, 1" DEEP STANDARD FOR LADDER TRAYS
SR		SLOTTED STRUT RUNG, 1 5/8" DEEP STANDARD FOR LONG-SPAN LADDER TRAY WITH SIDERAIL OF 8" OR LARGER	RS		SLOTTED STRUT RUNG, 1 5/8" DEEP STANDARD FOR LONG-SPAN LADDER TRAY WITH SIDERAIL OF 8" OR LARGER
CA		CORRUGATED SHEET BOTTOM SOLID TROUGH	CS		CORRUGATED SHEET BOTTOM SOLID TROUGH NOT AVAILABLE IN STAINLESS STEEL
UPGRADE RUNG - ALUMINUM A			UPGRADE RUNG - STEEL G L T		
ST		SLOTTED STRUT RUNG, 1" DEEP UPGRADE OPTION FOR LADDERS SEE BELOW FOR SLOT DETAIL	SU		SLOTTED STRUT RUNG, 1" DEEP UPGRADE OPTION FOR LADDERS SEE BELOW FOR SLOT DETAIL

RUNG OPTIONS

SLOTTED RUNGS

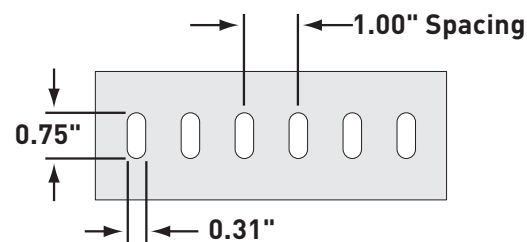
All PW cable tray metallic ladder systems are available with slotted strut rungs for cable ties. Slots are 0.75" long to accommodate stainless steel banding used in marine applications or any location where extra cable support requires the use of cable ties. Slotted strut rungs are provided with alternating slots up and down to allow for strut accessories to be used both inside the tray and below the cable area. Slotted rungs are designated by the prefix ST (aluminum) or suffix SU (steel) added to the straight sections and fittings catalog numbers.

1 SAFE LOAD/CABLE LOAD ONLY: Allowable uniformly-distributed cable load expressed in lbs/linear foot of tray length, based on the load carrying capability of the rung with a safety factor of 1.5. To convert Safe Load/Cable Load Only to reflect a safety factor of 2.0, multiply the safe loads shown by 0.75.

2 SAFE LOAD / CABLE LOAD +200 LBS: Allowable uniformly-distributed cable load expressed in lbs/linear foot of tray length, based on the load carrying capability of the rung with a 200 lb. concentrated static load applied at the center of the rung, without collapse.

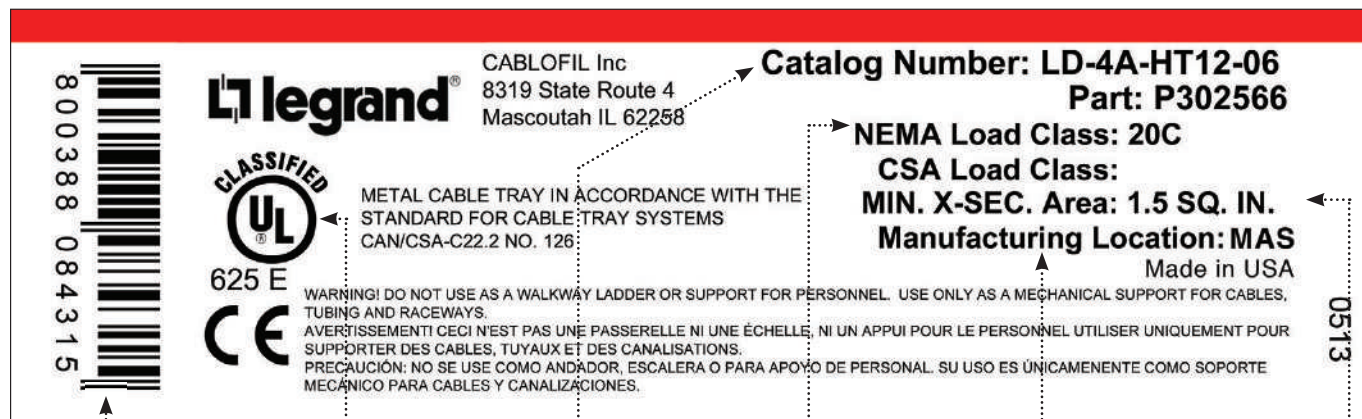
3 Will not support a 200 lb. concentrated static load applied at the center of the rung.

[XX] Two digit code in the safe load limit tables indicates recommended rung option for specified width.



TRAY LABELS

This is a typical label attached to all PW cable tray straight sections and fittings. It presents important information about the cable tray component and is in accordance with NEMA VE1 guidelines. Labels for fiberglass and stainless steel tray systems are similar. Because these trays are not classified by UL as equipment grounding conductors, they do not have the UL logo or the UL classification text.



The **UPC code** is used for inventory control.

UL Classification details and the UL logo express the product's grounding qualifications, including the area of metal in the tray side rails.

Catalog Number indicates bottom type, depth, material type and part description per NEMA VE1.

NEMA Load Class is clearly marked.

Manufacturing Location indicates the Legrand manufacturing location from which this product was shipped.

Min. X-Sec. Area Cross sectional area of both tray side rails per NEC Table 392.60 (A).

FABRICATION OPTIONS AND ENGINEERING SERVICES

No matter which product you choose, Legrand offers its customers a wide variety of fabrication options and engineering services. We pride ourselves in providing you with the products you need, built to your exact specifications. To help do so, take advantage of our wide range of ancillary services including:

- Take-off and estimating assistance
- Marking special identification numbers on tray labels
- Special identification labels and warning signs
- Custom drawing and design services
- Special packaging and shipment options
- Staging per customer-defined areas

We are pleased to provide customized cable tray to fit your specific needs. Examples of the types of modifications that can be made include but are not limited to:

- Factory-installed divider strips
- Pre-attached connector plates on trays and fittings
- Holes added to tray components for accessory attachments

Contact Legrand at 1-800-658-4641 so that we may discuss your exact job requirements.

SPECIFYING YOUR ORDER

Itray Aluminum Tray

The numbering system for Itray Aluminum 4" to 7" tray is new and easier to use. Please review these examples before specifying your order.

ITRAY STRAIGHT SECTION CATALOG NUMBERING EXAMPLE:				
BOTTOM TYPE	09 - 4	A	12 B - S	144 - 06
VENTED				
06 - 6" Rung Spacing				
09 - 9" Rung Spacing				
12 - 12" Rung Spacing				
VC - Vented Corrugated				
NON-VENTED				
SC - Solid Corrugated				
SB - Solid Bottom				
RAIL HEIGHT	4 - 4"		NEMA CLASS	LENGTH
5 - 5"				S120 - 120"
6 - 6"				S144 - 144"
7 - 7"				S240 - 240"
				S288 - 280"
			MATERIAL	WIDTH
			A	06 - 6"
				09 - 9"
				12 - 12"
				18 - 18"
				24 - 24"
				30 - 30"
				36 - 36"

Overall rail height is clearly marked with 4" to 7" heights available.

The tray material is listed as well. Currently Itray will only be offered in Aluminum. Stronger I-beam construction means no series choice is needed.

The tray system number is the same as the NEMA Class - no cross-reference needed.

ITRAY FITTING CATALOG NUMBERING EXAMPLE:				
BOTTOM TYPE	LD - 4	A	90 HB	12 - 06
VENTED				
LD - Ladder Rung				
VC - Vented Corrugated				
NON-VENTED				
SC - Solid Corrugated				
SB - Solid Bottom				
RAIL HEIGHT	4 - 4"		FITTING DESCRIPTION	RADIUS
5 - 5"			90° Horizontal Elbow	12 - 12"
6 - 6"				24 - 24"
7 - 7"				30 - 30"
				36 - 36"
			MATERIAL	
			A	

No complicated Fitting System Number or Product Number. The Fitting Description is now an abbreviated form of the product name.

Radius measurement is now clearly shown.

Itray
COMPATIBLE

Look for the Itray Compatible designation throughout the Ladder, Trough and Solid Bottom section of this catalog for products that also fit Itray specifications.

The numbering system for all other tray lines has not changed.

STRAIGHT SECTION CATALOG NUMBER			
09 - 1 F 5 4 - 0020 - 12			
BOTTOM TYPE	TRAY SYSTEM NUMBER	LENGTH	WIDTH
VENTED			
06 - 6" Rung Spacing		0010 - 10'-0"	06 - 6"
09 - 9" Rung Spacing*		0012* - 12'-0"	09 - 9"
12 - 12" Rung Spacing		0020† - 20'-0"	12 - 12"
VC† - Vented Corrugated		0024 - 24'-0"	18 - 18"
NON-VENTED			
SC† - Solid Corrugated		* Standard for SERIES1 (S1)	24 - 24"
SF† - Solid Flat Bottom		† Standard for SERIES2 (S2)	30 - 30"
* Standard rung spacing			36 - 36"
† Not available for flange out tray			

FITTING CATALOG NUMBER			
Use 4-digit Fitting System No.			
BOTTOM TYPE	FITTING SYSTEM NO.	PRODUCT NO.	WIDTH
LD - 6	G 20	9012	24
SIDE RAIL HEIGHT	MATERIAL	FITTING SERIES	FLANGE DIRECTION
4 - 4"	G	1 - SERIES1 (S1)	I - Flange In
5 - 5"	L	2 - SERIES2 (S2)	O - Flange Out
6 - 6"	T		
7 - 7"			

LADDER, TROUGH & SOLID BOTTOM

ITRAY ALUMINUM TRAY

- B.16** STRAIGHT SECTIONS
- B.18** FITTINGS
- B.26** COVERS
- B.28** SPLICES & CONNECTORS
- B.30** ACCESSORIES

METALLIC

- B.32** RUNG OPTIONS
- B.34** LONG-SPAN TRAY
- B.36** STEEL TRAY
- B.38** STAINLESS STEEL TRAY
- B.40** FITTINGS
- B.50** COVERS
- B.52** SPLICES & CONNECTORS
- B.56** RUNG SPECIFICATIONS
- B.59** FASTENERS
- B.60** ACCESSORIES
- B.68** FIRESTOP SYSTEMS

FIBERGLASS

- B.70** STRAIGHT SECTIONS
- B.72** FITTINGS
- B.76** COVERS & ACCESSORIES
- B.77** SPLICES & CONNECTORS
- B.78** ACCESSORIES



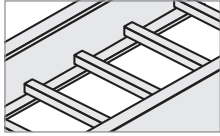
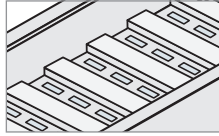
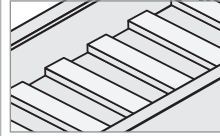
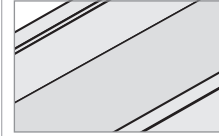
The PW Line of cable tray products is offered in a wide variety of sizes, designs and finishes to meet exacting industry standards. Choose from our extensive selection of rail, rung and bottom styles that are available in a variety of finishes. Also choose from fittings, accessories, fire stop systems and fasteners that will complete your installation.

Legrand representatives have the experience to insure that your cable management needs will be fulfilled on time and to your specifications.

MC POWER CABLE FILL TABLE

LADDER TRAY	MAX NUMBER OF CABLES PER CODE*			
	THHN TypeMC AlumArmor			
	2C (12 AWG)	3C (12 AWG)	3C (AWG 4/0)	3C (500 kcmil)
6	35 cbls	31 cbls	3 cbls	2 cbls
9	52 cbls	45 cbls	5 cbls	3 cbls
12	71 cbls	63 cbls	7 cbls	5 cbls
18	107 cbls	94 cbls	11 cbls	7 cbls
24	143 cbls	126 cbls	15 cbls	10 cbls
30	178 cbls	157 cbls	18 cbls	12 cbls
36	214 cbls	204 cbls	22 cbls	15 cbls

* Vented cable tray only.

TRAY MATERIAL	SIDE RAIL HEIGHTS INCHES	VENTED		NON-VENTED	
		Tray options that meet the NEMA standard for vented tray – 25% of the cable bearing surface must be ventilated.			
					
		LADDER STANDARD RUNG	VENTILATED TROUGH CORRUGATED	SOLID BOTTOM CORRUGATED	SOLID BOTTOM FLAT SHEET
ITRAY A ALUMINUM	4 5 6 7	6", 9" and 12" rung spacing	7/8" wide ribs are 1/2" deep on 2" centers with air vents	7/8" wide ribs are 1/2" deep on 2" centers	Flat sheet over 12" rung spacing
LONG-SPAN A ALUMINUM G HOT-DIP GALVANIZED STEEL	8 10	9" and 12" rung spacing only	N/A	N/A	N/A
STEEL G HOT-DIP GALVANIZED STEEL	4 5 6 7	6", 9" and 12" rung spacing	7/8" wide ribs are 1/2" deep on 2" centers with air vents	7/8" wide ribs are 1/2" deep on 2" centers	N/A
STAINLESS STEEL L STAINLESS STEEL 304L T STAINLESS STEEL 316L	4 5 6 7	6", 9" and 12" rung spacing	N/A	N/A	Flat sheet only
FIBERGLASS F FIBERGLASS	4 6	6", 9" and 12" rung spacing	N/A	N/A	Flat sheet under 12" rung spacing

DATA CABLE FILL TABLE

LADDER TRAY		MAX NUMBER OF CABLES PER CODE			
WIDTH (IN.)	LOAD DEPTH (IN.)	Cat 5e 4-pr Plenum (.17 IN.)	Cat 5e w4-pr Non-Plenum (.19 IN.)	Cat 6e 4-pr Plenum (.22 IN.)	Cat 6a 4-pr Plenum (.30 IN.)
6	3	396 cbls	317 cbls	236 cbls	127 cbls
9	3	594 cbls	476 cbls	355 cbls	190 cbls
12	3	793 cbls	634 cbls	473 cbls	254 cbls
18	3	1189 cbls	952 cbls	710 cbls	381 cbls
24	3	1586 cbls	1269 cbls	947 cbls	509 cbls
30	3	1982 cbls	1587 cbls	1183 cbls	636 cbls
36	3	2379 cbls	1904 cbls	1420 cbls	763 cbls
6	4	527 cbls	422 cbls	314 cbls	169 cbls
9	4	803 cbls	643 cbls	480 cbls	258 cbls
12	4	1055 cbls	844 cbls	629 cbls	338 cbls
18	4	1582 cbls	1266 cbls	944 cbls	508 cbls
24	4	2110 cbls	1689 cbls	1259 cbls	677 cbls
30	4	2679 cbls	2145 cbls	1600 cbls	860 cbls
36	4	3215 cbls	2574 cbls	1920 cbls	1032 cbls

LADDER TRAY		MAX NUMBER OF CABLES PER CODE			
WIDTH (IN.)	LOAD DEPTH (IN.)	Cat 5e 4-pr Plenum (.17 IN.)	Cat 5e w4-pr Non-Plenum (.19 IN.)	Cat 6e 4-pr Plenum (.22 IN.)	Cat 6a 4-pr Plenum (.30 IN.)
6	5	660 cbls	529 cbls	394 cbls	212 cbls
9	5	991 cbls	793 cbls	591 cbls	318 cbls
12	5	1321 cbls	1058 cbls	789 cbls	424 cbls
18	5	1982 cbls	1587 cbls	1183 cbls	636 cbls
24	5	2643 cbls	2116 cbls	1578 cbls	848 cbls
30	5	3304 cbls	2645 cbls	1972 cbls	1061 cbls
36	5	3965 cbls	3174 cbls	2367 cbls	1273 cbls
6	6	788 cbls	631 cbls	469 cbls	277 cbls
9	6	1189 cbls	952 cbls	710 cbls	381 cbls
12	6	1515 cbls	1213 cbls	905 cbls	486 cbls
18	6	2273 cbls	1820 cbls	1357 cbls	730 cbls
24	6	3031 cbls	2427 cbls	1810 cbls	973 cbls
30	6	3965 cbls	3174 cbls	2367 cbls	1273 cbls
36	6	4758 cbls	3809 cbls	2841 cbls	1527 cbls

ITRAY

A ALUMINUM

CONNECTORS/SPLICES:

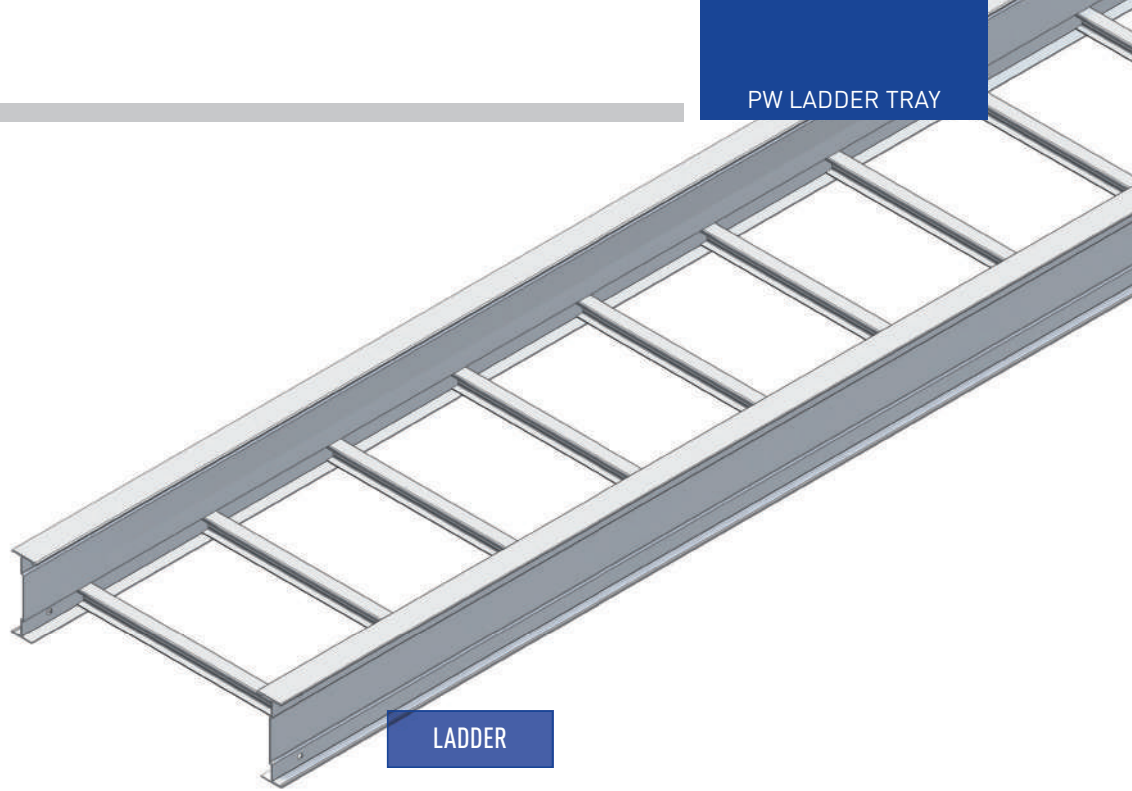
Necessary straight section connectors (SSP) and fasteners are supplied with each section. Extra connectors for field cuts or unusual requirements must be ordered separately.

SAFE LOAD:

Allowable cable load in pounds per linear foot uniformly distributed. Based on tray with standard rung on 9" centers and supported on simple beam with safety factor of 1.5 per NEMA VE1.

CONCENTRATED LOAD:

All ladders with solid rungs and trays with corrugated bottoms will support a 200 lb. concentrated load applied at the center of the tray in addition to the NEMA-rated cable load without collapse.



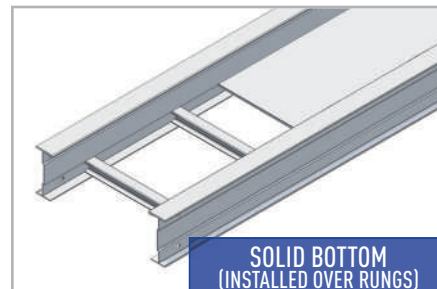
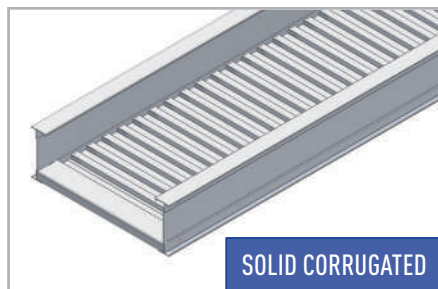
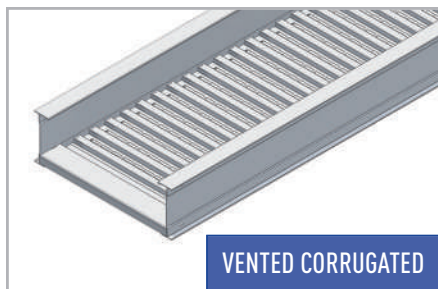
RAIL HEIGHT (IN.)	LOAD DEPTH (IN.)	NEMA CLASS	CSA CLASS	AVAILABLE LENGTHS (FT.)					WIDTHS (IN)	TRAY SYSTEM NUMBER	AMP RATING	
4	3	12B	C	10	12	-	-	-	6 - 36	4A12B	1200	
	3	12C	D, 3M	10	12	20	-	-	6 - 36	4A12C	1200	
	3	20B	E, 6M	-	12	20	24	-	6 - 36	4A20B	2000	
5	4	12C	D, 3M	10	12	20	-	-	6 - 36	5A12C	1200	
	4	20B	E, 6M	-	12	20	24	-	6 - 36	5A20B	1600	
6	5	12C	D, 3M	10	12	20	-	-	6 - 36	6A12C	1200	
	5	20B	E, 6M	-	12	20	24	-	6 - 36	6A20B	1600	
	5	20C	E, 6M	-	12	20	24	-	6 - 36	6A20C	2000	
	5	24C	E, 6M	-	-	20	24	30	6 - 36	6A24C	2000	
7	6	12C	D, 3M	10	12	20	-	-	6 - 36	7A12C	1600	
	6	20B	E, 6M	-	12	20	24	-	6 - 36	7A20B	2000	
	6	20C	E, 6M	-	12	20	24	-	6 - 36	7A20C	2000	
	6	24C	E, 6M	-	-	20	24	30	6 - 36	7A24C	2000	

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

RAIL HEIGHTS (H) INCHES

4 | 5 | 6 | 7



	SUPPORT SPAN (FT.)																											
	6		8		10		12		14		16		18		20		22		24		26		28		30			
	SAFE LOAD DATA (LBS./FT.) / DEFLECTION (IN.) / SAFETY FACTOR 1.5																											
	348	0.43	196	0.76	125	1.19	87	1.71																				
	410	0.37	241	0.69	154	1.08	107	1.55	76	2.11	56	2.76																
			410	0.87	336	1.74	233	2.51	171	3.41	131	4.45	104	5.64	84	6.96	68	8.42	56	10.02								
	410	0.22	243	0.40	156	0.63	108	0.91	76	1.24	57	1.62																
			410	0.62	332	1.22	231	1.76	169	2.40	130	3.13	102	3.96	83	4.89	67	5.92	55	7.04								
	410	0.16	394	0.48	252	0.76	175	1.09	124	1.48	92	1.94																
			410	0.38	328	0.75	228	1.08	167	1.47	128	1.91	101	2.42	82	2.99	66	3.62	54	4.31								
					410	0.73	308	1.13	227	1.54	173	2.02	137	2.55	111	3.15	90	3.81	74	4.54								
							410	1.22	355	1.95	272	2.55	215	3.22	174	3.98	131	4.45	110	5.29	79	4.99	68	5.79	59	6.65		
	410	0.12	275	0.25	176	0.40	122	0.57	86	0.78	64	1.01																
			410	0.27	328	0.53	228	0.76	167	1.04	128	1.36	101	1.72	82	2.12	66	2.57	54	3.05								
					410	0.50	308	0.78	227	1.06	173	1.38	137	1.75	111	2.16	90	2.61	74	3.11								
							410	0.85	306	1.18	234	1.54	185	1.95	150	2.40	124	2.91	104	3.46	73	3.15	63	3.65	55	4.19		



Legrand trays marked with CSA load class have been tested (loading, finish and electrical) by UL to CSA standard 126.22.2.



All Legrand aluminum and steel cable trays are Classified by UL as equipment grounding conductors per NEC 392.60. (UL File No. E60796)

ITRAY STRAIGHT SECTION CATALOG NUMBERING EXAMPLE:

BOTTOM TYPE ← **09-4A12B-S144-06** → **WIDTH**

VENTED				
06 – 6" Rung Spacing				06 – 6"
09 – 9" Rung Spacing				09 – 9"
12 – 12" Rung Spacing				12 – 12"
VC – Vented Corrugated				18 – 18"
				24 – 24"
NON-VENTED				
SC – Solid Corrugated				30 – 30"
SB – Solid Bottom				36 – 36"

RAIL HEIGHT	NEMA CLASS	LENGTH*
4 – 4"		S120 – 120"
5 – 5"		S144 – 144"
6 – 6"		S240 – 240"
7 – 7"		S288 – 288"

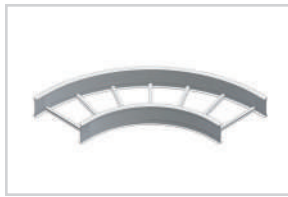
MATERIAL

A

* S144 and S240 are standard; S120 and S288 are available with extended lead time.

90HB HORIZONTAL 90° ELBOW

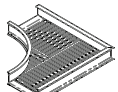
A



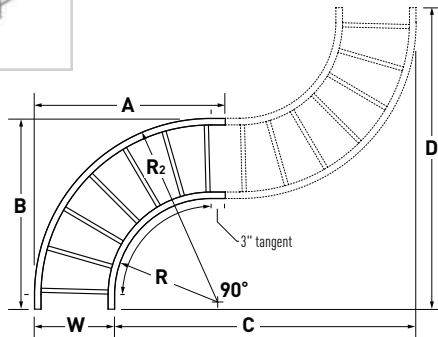
BOTTOM TYPES



LD and SB



VC and SC



60HB HORIZONTAL 60° ELBOW

A



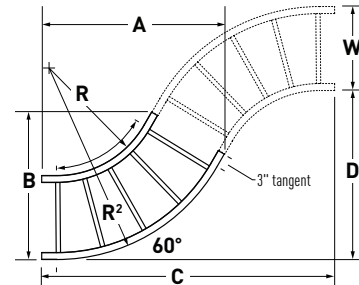
BOTTOM TYPES



LD and SB



VC and SC



RADIUS R	WIDTH W	RADIUS 2 R2	A	B	C	D
12	6	18	21	21	36	36
	9	21	24	24	39	39
	12	24	27	27	42	42
	18	30	33	33	48	48
	24	36	39	39	54	54
	30	42	45	45	60	60
	36	48	51	51	66	66
24	6	30	33	33	60	60
	9	33	36	36	63	63
	12	36	39	39	66	66
	18	42	45	45	72	72
	24	48	51	51	78	78
	30	54	57	57	84	84
	36	60	63	63	90	90
36	6	42	45	45	84	84
	9	45	48	48	87	87
	12	48	51	51	90	90
	18	54	57	57	96	96
	24	60	63	63	102	102
	30	66	69	69	108	108
	36	72	75	75	114	114

RADIUS R	WIDTH W	RADIUS 2 R2	A	B	C	D
12	6	18	20 ¹ / ₈	14 ⁵ / ₈	35	20 ¹ / ₈
	9	21	22 ⁵ / ₈	17 ⁵ / ₈	37 ⁵ / ₈	21 ³ / ₈
	12	24	25 ¹ / ₄	20 ⁵ / ₈	40 ¹ / ₈	23 ¹ / ₄
	18	30	30 ¹ / ₂	26 ⁵ / ₈	45 ³ / ₈	26 ¹ / ₄
	24	36	35 ⁵ / ₈	32 ⁵ / ₈	50 ⁵ / ₈	29 ¹ / ₄
	30	42	40 ⁷ / ₈	38 ⁵ / ₈	55 ³ / ₄	32 ¹ / ₄
	36	48	46 ¹ / ₈	44 ⁵ / ₈	61	35 ¹ / ₄
24	6	30	30 ¹ / ₂	20 ⁵ / ₈	55 ³ / ₄	32 ¹ / ₄
	9	33	33 ¹ / ₈	23 ⁵ / ₈	58 ³ / ₈	33 ³ / ₄
	12	36	35 ⁵ / ₈	26 ⁵ / ₈	61	35 ¹ / ₄
	18	42	40 ⁷ / ₈	32 ⁵ / ₈	66 ¹ / ₈	38 ¹ / ₄
	24	48	46 ¹ / ₈	38 ⁵ / ₈	71 ³ / ₈	41 ¹ / ₄
	30	54	51 ¹ / ₄	44 ⁵ / ₈	76 ¹ / ₂	44 ¹ / ₄
	36	60	56 ¹ / ₂	50 ⁵ / ₈	81 ³ / ₄	47 ¹ / ₄
36	6	42	40 ⁷ / ₈	26 ⁵ / ₈	76 ¹ / ₂	44 ¹ / ₄
	9	45	43 ¹ / ₂	29 ⁵ / ₈	79 ¹ / ₈	45 ³ / ₄
	12	48	46 ¹ / ₈	32 ⁵ / ₈	81 ³ / ₄	47 ¹ / ₄
	18	54	51 ¹ / ₄	38 ⁵ / ₈	87	50 ¹ / ₄
	24	60	56 ¹ / ₂	44 ⁵ / ₈	92 ¹ / ₈	53 ¹ / ₄
	30	66	61 ⁵ / ₈	50 ⁵ / ₈	97 ³ / ₈	56 ¹ / ₄
	36	72	66 ⁷ / ₈	56 ⁵ / ₈	102 ¹ / ₂	59 ¹ / ₄

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

RAIL HEIGHTS (H) INCHES

4 | 5 | 6 | 7

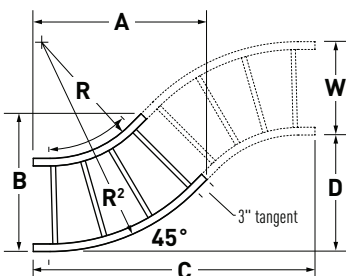
RADIUS (R) INCHES

12 | 24 | 36

CONNECTORS/SPLICES – Necessary fitting connectors (FSP) and fasteners are supplied with each section per the below chart. Extra connectors for field cuts or unusual requirements must be ordered separately.

Elbows, Reducers	1 pair ea.
Tees, Wye	2 pairs ea.
Crosses	3 pairs ea.

A



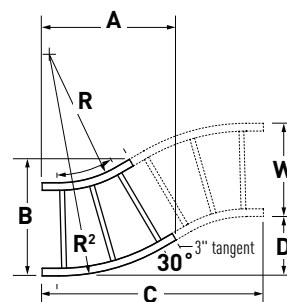
RADIUS R	WIDTH W	RADIUS 2 R2	A	B	C	D
12	6	18	17 ⁷ / ₈	11 ⁵ / ₈	31 ¹ / ₂	13
	9	21	20	14 ⁵ / ₈	33 ⁵ / ₈	13 ⁷ / ₈
	12	24	22 ¹ / ₈	17 ⁵ / ₈	35 ³ / ₄	14 ³ / ₄
	18	30	26 ³ / ₈	23 ⁵ / ₈	40	16 ¹ / ₂
	24	36	30 ⁵ / ₈	29 ⁵ / ₈	44 ¹ / ₈	18 ¹ / ₄
	30	42	34 ⁷ / ₈	35 ⁵ / ₈	48 ³ / ₈	20
	36	48	39	41 ⁵ / ₈	52 ⁵ / ₈	21 ⁷ / ₈
24	6	30	26 ³ / ₈	15 ¹ / ₈	48 ³ / ₈	20
	9	33	28 ¹ / ₂	18 ¹ / ₈	50 ¹ / ₂	21
	12	36	30 ⁵ / ₈	21 ¹ / ₈	52 ⁵ / ₈	21 ⁷ / ₈
	18	42	34 ⁷ / ₈	27 ¹ / ₈	56 ⁷ / ₈	23 ⁵ / ₈
	24	48	39	33 ³ / ₈	61 ¹ / ₈	25 ³ / ₈
	30	54	43 ³ / ₄	39 ¹ / ₈	65 ³ / ₈	27 ¹ / ₈
	36	60	47 ¹ / ₂	45 ¹ / ₈	69 ⁵ / ₈	28 ⁷ / ₈
36	6	42	34 ⁷ / ₈	18 ⁵ / ₈	65 ³ / ₈	27 ¹ / ₈
	9	45	37	21 ⁵ / ₈	67 ¹ / ₂	28
	12	48	39	24 ⁵ / ₈	69 ⁵ / ₈	28 ⁷ / ₈
	18	54	43 ³ / ₄	30 ⁵ / ₈	73 ⁷ / ₈	30 ⁵ / ₈
	24	60	47 ¹ / ₂	36 ⁵ / ₈	78 ¹ / ₈	32 ³ / ₈
	30	66	51 ³ / ₄	42 ⁵ / ₈	82 ³ / ₈	34 ¹ / ₈
	36	72	56	48 ⁵ / ₈	86 ⁵ / ₈	35 ⁷ / ₈

A



LD and SB

VC and SC



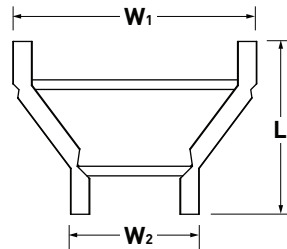
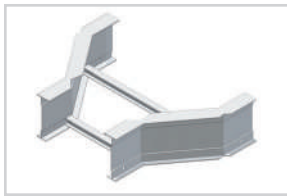
RADIUS R	WIDTH W	RADIUS 2 R2	A	B	C	D
12	6	18	14½	9⅞	26¼	7
	9	21	16⅞	12⅞	27¾	7⅞
	12	24	17⅝	15⅞	29¼	7⅞
	18	30	20⅝	21⅞	32¼	8⅝
	24	36	23⅝	27⅞	35¼	9⅝
	30	42	26⅝	33⅞	38¼	10¼
	36	48	29⅝	39⅞	41¼	11
24	6	30	20⅝	10¾	38¼	10¼
	9	33	22⅞	13¾	39¾	10⅝
	12	36	23⅝	16¾	41¼	11
	18	42	26⅝	22¾	44¼	11⅞
	24	48	29⅝	28¾	47¼	12⅝
	30	54	32⅝	34¾	50¼	13½
	36	60	35⅝	40¾	53¼	14¼
36	6	42	26⅝	12¾	50¼	13½
	9	45	28⅞	15⅞	51¾	13⅞
	12	48	29⅝	18⅞	53¼	14¼
	18	54	32⅝	24¾	56¼	15
	24	60	35⅝	30⅞	59¼	15⅞
	30	66	38⅝	36¾	62¼	16⅝
	36	72	41⅝	42¾	65¼	17½

06 - 6"
09 - 9"
12 - 12"
18 - 18"
24 - 24"
30 - 30"
36 - 36"

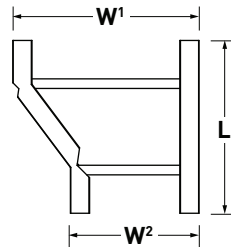
SR / LR / RR HORIZONTAL REDUCERS

A

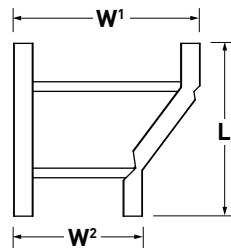
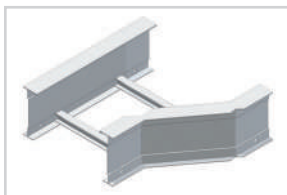
STRAIGHT



LEFT HAND



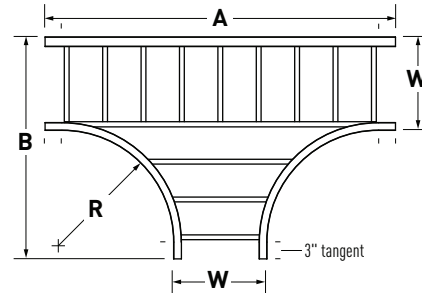
RIGHT HAND



LENGTH	MAIN WIDTH W1	AVAILABLE BRANCH WIDTHS W2					
18	9	6	-	-	-	-	-
	12	6	9	-	-	-	-
	18	6	9	12	-	-	-
	24	6	9	12	18	-	-
	30	6	9	12	18	24	-
	36	6	9	12	18	24	30

HT HORIZONTAL STANDARD TEE

A



RADIUS R	WIDTH W	A	B
12	6	36	21 5/8
	9	39	24 5/8
	12	42	27 5/8
	18	48	33 5/8
	24	54	39 5/8
	30	60	45 5/8
24	36	66	51 5/8
	6	60	33 5/8
	9	63	36 5/8
	12	66	39 5/8
	18	72	45 5/8
	24	78	51 5/8
36	30	84	57 5/8
	36	90	63 5/8
	6	84	45 5/8
	9	87	48 5/8
	12	90	51 5/8
	18	96	57 5/8
	24	102	63 5/8
	30	108	69 5/8
	36	114	75 5/8

ITRAY HORIZONTAL REDUCER CATALOG NUMBERING EXAMPLE:

BOTTOM TYPE		LD - 4 A - SR 09 - 06		WIDTH 2	
VENTED		RAIL HEIGHT	FITTING CODE	WIDTH 1	06 - 6"
Ladder Rung					09 - 9"
Vented Corrugated		4 - 4"		12 - 12"	18 - 18"
NON-VENTED		5 - 5"	SR LR RR	18 - 18"	24 - 24"
Solid Corrugated		6 - 6"		24 - 24"	30 - 30"
Solid Bottom		7 - 7"		30 - 30"	36 - 36"
				36 - 36"	

CONNECTORS/SPLICES – Necessary fitting connectors (FSP) and fasteners are supplied with each section per the below chart. Extra connectors for field cuts or unusual requirements must be ordered separately.

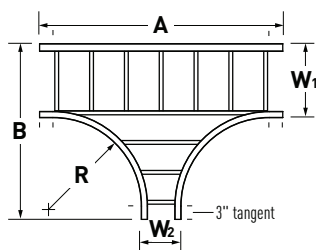
Elbows, Reducers	1 pair ea.
Tees, Wye	2 pairs ea.
Crosses	3 pairs ea.

RT / ET

HORIZONTAL REDUCING/EXPANDING TEES

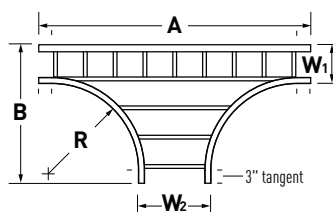
A

REDUCING TEE



MAIN WIDTH W1	BRANCH WIDTH W2	RADIUS R	A	B	RADIUS R	A	B	RADIUS R	A	B
9	6	12	36	24 ^{5/8}	24	60	36 ^{5/8}	36	84	48 ^{5/8}
12	6		36	27 ^{5/8}		60	39 ^{5/8}		84	51 ^{5/8}
	9		39	27 ^{5/8}		63	39 ^{5/8}		87	51 ^{5/8}
18	6		36	33 ^{5/8}		60	45 ^{5/8}		84	57 ^{5/8}
	9		39	33 ^{5/8}		63	45 ^{5/8}		87	57 ^{5/8}
	12		42	33 ^{5/8}		66	45 ^{5/8}		90	57 ^{5/8}
24	6		36	39 ^{5/8}		60	51 ^{5/8}		84	63 ^{5/8}
	9		39	39 ^{5/8}		63	51 ^{5/8}		87	63 ^{5/8}
	12		42	39 ^{5/8}		66	51 ^{5/8}		90	63 ^{5/8}
	18		48	39 ^{5/8}		72	51 ^{5/8}		96	63 ^{5/8}
30	6		36	45 ^{5/8}		60	57 ^{5/8}		84	69 ^{5/8}
	9		39	45 ^{5/8}		63	57 ^{5/8}		87	69 ^{5/8}
	12		42	45 ^{5/8}		66	57 ^{5/8}		90	69 ^{5/8}
	18		48	45 ^{5/8}		72	57 ^{5/8}		96	69 ^{5/8}
	24		54	45 ^{5/8}		78	57 ^{5/8}		102	69 ^{5/8}
36	6	24	36	51 ^{5/8}	24	60	63 ^{5/8}	36	84	75 ^{5/8}
	9		39	51 ^{5/8}		63	63 ^{5/8}		87	75 ^{5/8}
	12		42	51 ^{5/8}		66	63 ^{5/8}		90	75 ^{5/8}
	18		48	51 ^{5/8}		72	63 ^{5/8}		96	75 ^{5/8}
	24		54	51 ^{5/8}		78	63 ^{5/8}		102	75 ^{5/8}
	30		60	51 ^{5/8}		84	63 ^{5/8}		108	75 ^{5/8}

EXPANDING TEE



MAIN WIDTH W1	BRANCH WIDTH W2	RADIUS R	A	B	RADIUS R	A	B	RADIUS R	A	B
6	9	12	39	21 ^{5/8}	24	63	33 ^{5/8}	36	87	45 ^{5/8}
	12		42	21 ^{5/8}		66	33 ^{5/8}		90	45 ^{5/8}
	18		48	21 ^{5/8}		72	33 ^{5/8}		96	45 ^{5/8}
	24		54	21 ^{5/8}		78	33 ^{5/8}		102	45 ^{5/8}
	30		60	21 ^{5/8}		84	33 ^{5/8}		108	45 ^{5/8}
	36		66	21 ^{5/8}		90	33 ^{5/8}		114	45 ^{5/8}
9	12		42	24 ^{5/8}		66	36 ^{5/8}		90	48 ^{5/8}
	18		48	24 ^{5/8}		72	36 ^{5/8}		96	48 ^{5/8}
	24		54	24 ^{5/8}		78	36 ^{5/8}		102	48 ^{5/8}
	30		60	24 ^{5/8}		84	36 ^{5/8}		108	48 ^{5/8}
	36		66	24 ^{5/8}		90	36 ^{5/8}		114	48 ^{5/8}
	18		48	27 ^{5/8}		72	39 ^{5/8}		96	51 ^{5/8}
12	24		54	27 ^{5/8}		78	39 ^{5/8}		102	51 ^{5/8}
	30		60	27 ^{5/8}		84	39 ^{5/8}		108	51 ^{5/8}
	36		66	27 ^{5/8}		90	39 ^{5/8}		114	51 ^{5/8}
	24		54	33 ^{5/8}		78	45 ^{5/8}		102	57 ^{5/8}
	30		60	33 ^{5/8}		84	45 ^{5/8}		108	57 ^{5/8}
	36		66	33 ^{5/8}		90	45 ^{5/8}		114	57 ^{5/8}
18	30		60	39 ^{5/8}		84	51 ^{5/8}		108	63 ^{5/8}
	36		66	39 ^{5/8}		90	51 ^{5/8}		114	63 ^{5/8}
	24		54	45 ^{5/8}		78	57 ^{5/8}		102	69 ^{5/8}
	30		60	45 ^{5/8}		84	57 ^{5/8}		108	69 ^{5/8}
	36		66	45 ^{5/8}		90	57 ^{5/8}		114	69 ^{5/8}
	30		60	45 ^{5/8}		84	57 ^{5/8}		108	69 ^{5/8}

* Reducing/expanding tees are not available with the corrugated bottom type. Use reducer fittings (see page B.20) or reducer splice plates (see page B.29) in conjunction with horizontal standard tee fittings which are available with corrugated bottoms.

ITRAY HORIZONTAL REDUCING TEE CATALOG NUMBERING EXAMPLE:									
BOTTOM TYPE		LD - 4 A - RT 12 - 12 0 6						WIDTH 2*	
VENTED		RAIL HEIGHT	MATERIAL	FITTING CODE	RADIUS	WIDTH 1			
LD - Ladder Rung							06 - 6"		
NON-VENTED							09 - 9"		
SB - Solid Bottom							12 - 12"		
		4 - 4"		HT*	12 - 12"	18 - 18"	24 - 24"		
		5 - 5"		RT	24 - 24"	24 - 24"	30 - 30"		
		6 - 6"		ET	36 - 36"	30 - 30"	36 - 36"		
		7 - 7"				36 - 36"			

* Width 2 does not apply to Horizontal Tee (HT).

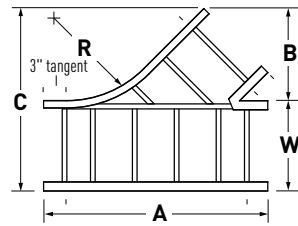
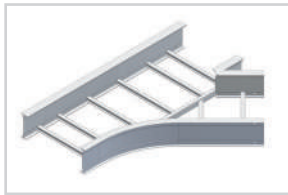
YL / YR HORIZONTAL WYE BRANCHES

A

LEFT HAND



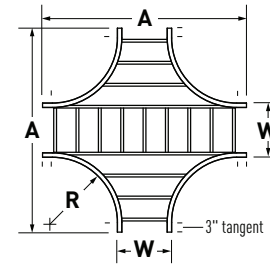
RIGHT HAND



WIDTH W	RADIUS R	A	B	C
6	24	31 1/4	12	18
9		35 1/2	14 1/8	23 1/8
12		39 3/8	16 1/4	28 1/4
18		48 1/4	20 1/2	38 1/2
24		56 5/8	24 3/4	48 3/4
30		65 1/4	29	59
36		73 5/8	33 1/4	69 1/4

HX HORIZONTAL STANDARD CROSS

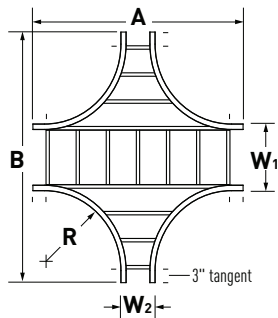
A



WIDTH W	RADIUS R	A	RADIUS R	A	RADIUS R	A
6	12	36	24	60	36	84
9		39		63		87
12		42		66		90
18		48		72		96
24		54		78		102
30		60		84		108
36		66		90		114

RX HORIZONTAL REDUCING CROSS

A



MAIN WIDTH W1	BRANCH WIDTH W2	RADIUS R	A	B	RADIUS R	A	B	RADIUS R	A	B
9	6	12	36	39	24	60	63	36	84	87
12	6		36	42		60	66		84	90
	9		39	42		63	66		87	90
18	6		36	48		60	72		84	96
	9		39	48		63	72		87	96
	12		42	48		66	72		90	96
24	6		36	54		60	78		84	102
	9		39	54		63	78		87	102
	12		42	54		66	78		90	102
	18		48	54		72	78		96	102
30	6		36	60		60	84		84	108
	9		39	60		63	84		87	108
	12		42	60		66	84		90	108
	18		48	60		72	84		96	108
	24		54	60		78	84		102	108
36	6	24	36	66	36	60	90	36	84	114
	9		39	66		63	90		87	114
	12		42	66		66	90		90	114
	18		48	66		72	90		96	114
	24		54	66		78	90		102	114
	30		60	66		84	90		108	114
	36		66	66		90	90		114	114

Reducing crosses are not available with the corrugated bottom type. Use reducer fittings (see page B.20) or reducer splice plates (see page B.29) in conjunction with horizontal standard cross fittings which are available with corrugated bottoms.

ITRAY HORIZONTAL REDUCING CROSS CATALOG NUMBERING EXAMPLE:

BOTTOM TYPE									
LD - 4 A - RX 12 - 09 06									
VENTED									
LD - Ladder Rung									
NON-VENTED									
SB - Solid Bottom									
RAIL HEIGHT									
4 - 4"									
5 - 5"									
6 - 6"									
7 - 7"									
FITTING CODE RX									
RADIUS									
12 - 12"									
24 - 24"									
36 - 36"									
WIDTH 1									
06 - 6"									
09 - 9"									
12 - 12"									
18 - 18"									
24 - 24"									
30 - 30"									
36 - 36"									
WIDTH 2									
06 - 6"									
09 - 9"									
12 - 12"									
18 - 18"									
24 - 24"									
30 - 30"									
36 - 36"									

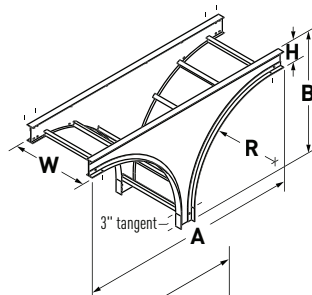
TD / TU VERTICAL TEES

A

TEE DOWN



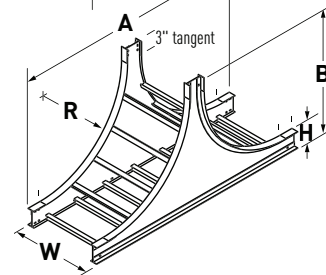
TD



TEE UP



TU

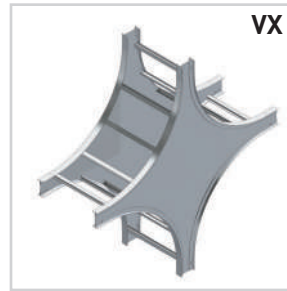


TEE UP fittings have rungs or bottom members for cable support across the bottom of the fitting.

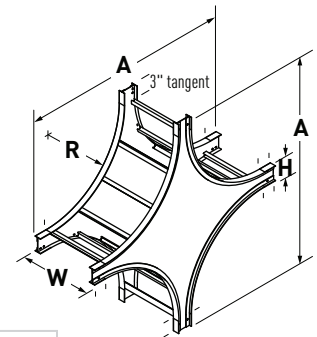
WIDTH W	RADIUS R	RAIL HEIGHT H	A	B
ALL	24	4	58	31
		5	59	32
		6	60	33
		7	61	34

VX VERTICAL CROSS

A



VX



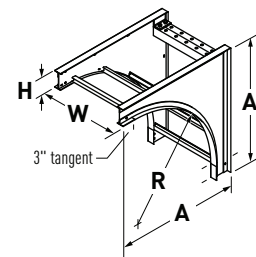
WIDTH W	RADIUS R	RAIL HEIGHT H	A
ALL	24	4	58
		5	59
		6	60
		7	61

CS VERTICAL CABLE SUPPORT ELBOW

A



CS



Supports cables at the top of long vertical drops where the weight of the vertical cable may be excessive. Hooks (sold separately) attach to the brace in the elbow; when used with cable grips (supplied by others), tension in the vertical cable is relieved and transferred to the elbow.

WIDTH W	RADIUS R	RAIL HEIGHT H	A
ALL	24	4	31
		5	32
		6	33
		7	34

CONNECTORS/SPLICES – Necessary fitting connectors (FSP) and fasteners are supplied with each section per the below chart. Extra connectors for field cuts or unusual requirements must be ordered separately.

Elbows, Reducers	1 pair ea.
Tees, Wye	2 pair ea.
Crosses	3 pair ea.

ITRAY VERTICAL TEE CATALOG NUMBERING EXAMPLE:

BOTTOM TYPE

VENTED
LD – Ladder Rung
VC – Vented Corrugated
NON-VENTED
SC – Solid Corrugated
SB – Solid Bottom

RAIL
HEIGHT
4 – 4"
5 – 5"
6 – 6"
7 – 7"

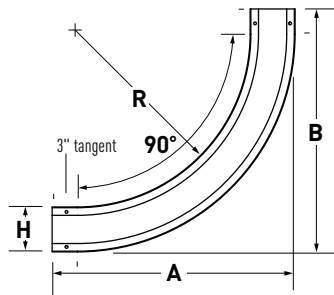
MATERIAL
A

FITTING
CODE
TU
TD

WIDTH
06 – 6"
09 – 9"
12 – 12"
18 – 18"
24 – 24"
30 – 30"
36 – 36"

90VI VERTICAL INSIDE 90° ELBOW

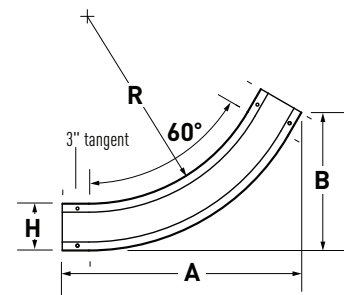
A



		H = 4		H = 5		H = 6		H = 7	
WIDTH W	RADIUS R	A	B	A	B	A	B	A	B
ALL	12	19	19	20	20	21	21	22	22
	24	31	31	32	32	33	33	34	34
	36	43	43	44	44	45	45	46	46

60VI VERTICAL INSIDE 60° ELBOW

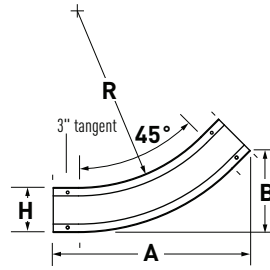
A



		H = 4		H = 5		H = 6		H = 7	
WIDTH W	RADIUS R	A	B	A	B	A	B	A	B
ALL	12	18 ³ / ₈	10 ⁵ / ₈	19 ¹ / ₄	11 ¹ / ₈	20 ¹ / ₈	11 ⁵ / ₈	21	12 ¹ / ₈
	24	28 ³ / ₄	16 ⁵ / ₈	29 ⁵ / ₈	17 ¹ / ₈	30 ¹ / ₂	17 ⁵ / ₈	31 ³ / ₈	18 ¹ / ₈
	36	39 ¹ / ₈	22 ⁵ / ₈	40	23 ¹ / ₈	40 ⁷ / ₈	23 ⁵ / ₈	41 ³ / ₄	24 ¹ / ₈

45VI VERTICAL INSIDE 45° ELBOW

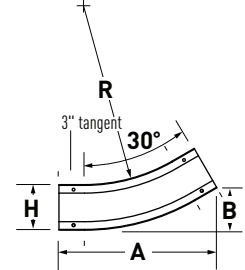
A



		H = 4		H = 5		H = 6		H = 7	
WIDTH W	RADIUS R	A	B	A	B	A	B	A	B
ALL	12	16 ³ / ₈	6 ³ / ₄	17 ¹ / ₈	7 ¹ / ₈	17 ⁷ / ₈	7 ³ / ₈	18 ¹ / ₂	7 ⁵ / ₈
	24	24 ⁷ / ₈	10 ³ / ₈	25 ⁵ / ₈	10 ⁵ / ₈	26 ³ / ₈	10 ⁷ / ₈	27	11 ¹ / ₄
	36	33 ³ / ₈	13 ⁷ / ₈	34 ¹ / ₈	14 ¹ / ₈	34 ⁷ / ₈	14 ³ / ₈	35 ¹ / ₂	14 ³ / ₄

30VI VERTICAL INSIDE 30° ELBOW

A



		H = 4		H = 5		H = 6		H = 7	
WIDTH W	RADIUS R	A	B	A	B	A	B	A	B
ALL	12	13 ⁵ / ₈	3 ⁵ / ₈	14 ¹ / ₈	3 ³ / ₄	14 ⁵ / ₈	3 ⁷ / ₈	15 ¹ / ₈	4
	24	19 ⁵ / ₈	5 ¹ / ₄	20 ¹ / ₈	5 ³ / ₈	20 ⁵ / ₈	5 ¹ / ₂	21 ¹ / ₈	5 ⁵ / ₈
	36	25 ⁵ / ₈	6 ⁷ / ₈	26 ¹ / ₈	7	26 ⁵ / ₈	7 ¹ / ₈	27 ¹ / ₈	7 ¹ / ₄

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

RAIL HEIGHTS (H) INCHES

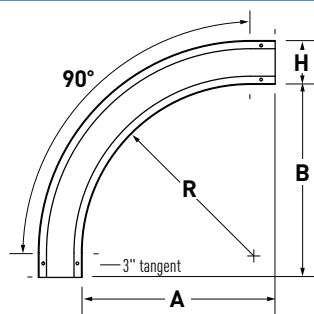
4 | 5 | 6 | 7

RADIUS (R) INCHES

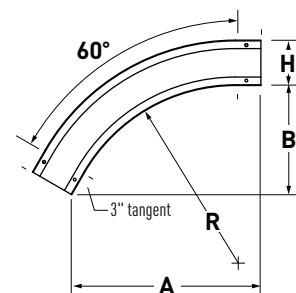
12 | 24 | 36

ITRAY VERTICAL INSIDE ELBOW CATALOG NUMBERING EXAMPLE:

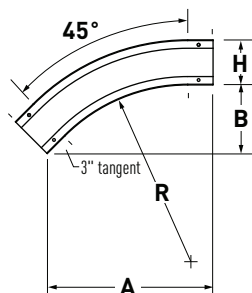
BOTTOM TYPE		LD - 4 A - 90VI 12 - 09		WIDTH
VENTED		RAIL HEIGHT	FITTING CODE	06 - 6"
LD - Ladder Rung	VC - Vented Corrugated			09 - 9"
NON-VENTED		MATERIAL	RADIUS	12 - 12"
SC - Solid Corrugated				18 - 18"
SB - Solid Bottom				24 - 24"
				30 - 30"
				36 - 36"

90VO**VERTICAL OUTSIDE 90° ELBOW****A**

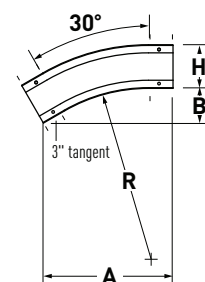
RADIUS R	WIDTH W	RAIL HEIGHT H	A	B
12	6-36	4-7	15	15
24			27	27
36			39	39

60VO**VERTICAL OUTSIDE 60° ELBOW****A**

RADIUS R	WIDTH W	RAIL HEIGHT H	A	B
12	6-36	4-7	15	8 ⁵ / ₈
24			25 ¹ / ₄	14 ⁵ / ₈
36			35 ⁵ / ₈	20 ⁵ / ₈

45VO**VERTICAL OUTSIDE 45° ELBOW****A**

RADIUS R	WIDTH W	RAIL HEIGHT H	A	B
12	6-36	4-7	13 ⁵ / ₈	5 ⁵ / ₈
24			22 ¹ / ₈	9 ¹ / ₈
36			30 ⁵ / ₈	12 ⁵ / ₈

30VO**VERTICAL OUTSIDE 30° ELBOW****A**

RADIUS R	WIDTH W	RAIL HEIGHT H	A	B
12	6-36	4-7	11 ⁵ / ₈	3 ¹ / ₈
24			17 ⁵ / ₈	4 ³ / ₄
36			23 ⁵ / ₈	6 ³ / ₈

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

RAIL HEIGHTS (H) INCHES

4 | 5 | 6 | 7

RADIUS (R) INCHES

12 | 24 | 36

CONNECTORS/SPLICES – Necessary fitting connectors (FSP) and fasteners are supplied with each section per the below chart. Extra connectors for field cuts or unusual requirements must be ordered separately.

Elbows, Reducers	1 pair ea.
Tees, Wye	2 pair ea.
Crosses	3 pair ea.

ITRAY VERTICAL INSIDE ELBOW CATALOG NUMBERING EXAMPLE:**BOTTOM TYPE**

VENTED
 LD – Ladder Rung
 VC – Vented Corrugated
NON-VENTED
 SC – Solid Corrugated
 SB – Solid Bottom

RAIL HEIGHT
 4 – 4"
 5 – 5"
 6 – 6"
 7 – 7"

MATERIAL

FITTING CODE
 90VO
 60VO
 45VO
 30VO

WIDTH

06 – 6"
 09 – 9"
 12 – 12"
 18 – 18"
 24 – 24"
 30 – 30"
 36 – 36"

SFF / LFF / SPF COVERS

A

SOLID FLAT FLANGED

LOUVERED FLAT FLANGED

SOLID PEAKED FLANGED

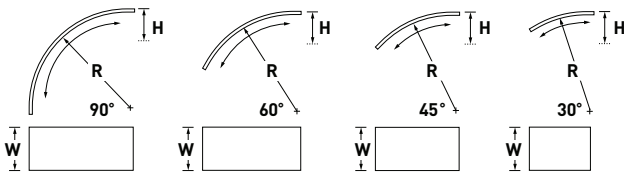
COVER	GAGE (6"-24")	GAGE (30"-36")
SFF / LFF	0.040"	0.063"
SPF	0.040"	0.063"

STRAIGHT SECTION COVER CATALOG NUMBERING EXAMPLE:

MATERIAL	← A - LFF - S060 - 06 →	WIDTH
A		06 - 6"
		09 - 9"
		12 - 12"
		18 - 18"
		24 - 24"
		30 - 30"
		36 - 36"

COVER TYPE	LENGTH
SFF - Solid Flat Flanged	S060 - 60"
LFF - Louvered Flat Flanged	S072 - 72"
SPF - Solid Peaked Flanged	S120 - 120"
	S144 - 144"

FOR VERTICAL OUTSIDE ELBOWS (90VO/60VO/45VO/30VO)

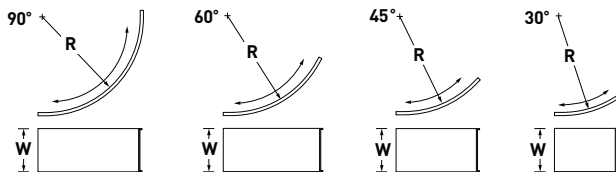


VERTICAL OUTSIDE ELBOW COVER CATALOG NUMBERING EXAMPLE:

MATERIAL	← A - SFF - 90VO24 - 12 - 4 →	WIDTH	RAIL HEIGHT
A		06 - 6"	4 - 4"
		09 - 9"	5 - 5"
		12 - 12"	6 - 6"
		18 - 18"	7 - 7"
		24 - 24"	
		30 - 30"	
		36 - 36"	

COVER TYPE	FITTING CODE	RADIUS
SFF - Solid Flat Flanged	90VO	12 - 12"
LFF - Louvered Flat Flanged	60VO	24 - 24"
	45VO	36 - 36"
	30VO	

FOR VERTICAL INSIDE ELBOWS (90VI/60VI/45VI/30VI)

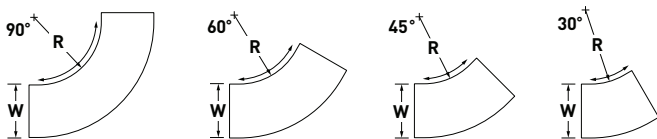


VERTICAL INSIDE ELBOW COVER CATALOG NUMBERING EXAMPLE:

MATERIAL	← A - SFF - 90VI 24 - 12 →	WIDTH
A		06 - 6"
		09 - 9"
		12 - 12"
		18 - 18"
		24 - 24"
		30 - 30"
		36 - 36"

COVER TYPE	FITTING CODE	RADIUS
SFF - Solid Flat Flanged	90VI	12 - 12"
LFF - Louvered Flat Flanged	60VI	24 - 24"
	45VI	36 - 36"
	30VI	

FOR HORIZONTAL ELBOWS (90HB/60HB/45HB/30HB)



HORIZONTAL ELBOW COVER CATALOG NUMBERING EXAMPLE:

MATERIAL	← A - SFF - 90HB12 - 06 →	WIDTH
A		06 - 6"
		09 - 9"
		12 - 12"
		18 - 18"
		24 - 24"
		30 - 30"
		36 - 36"

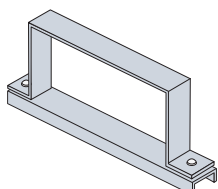
COVER TYPE	FITTING CODE	RADIUS
SFF - Solid Flat Flanged	90HB	12 - 12"
LFF - Louvered Flat Flanged	60HB	24 - 24"
SPF - Solid Peaked Flanged	45HB	36 - 36"
	30HB	

*AC covers are only available in SFF.

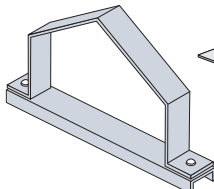
FCC / PCC / PCT COVER CLAMPS

A

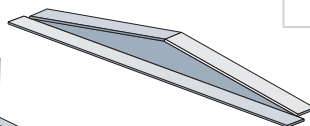
ITRAY - COVERS



FLAT COVER CLAMP



PEAKED COVER CLAMP



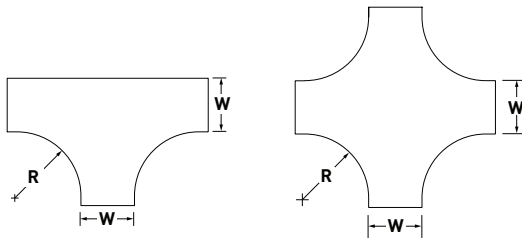
PEAKED COVER TRANSITION

QUANTITY OF COVER CLAMPS REQUIRED	
STRAIGHT SECTION - 5' & 6'	2
STRAIGHT SECTION - 10' & 12'	3
HORIZONTAL/VERTICAL ELBOWS	2
TEES	3
CROSSES	4

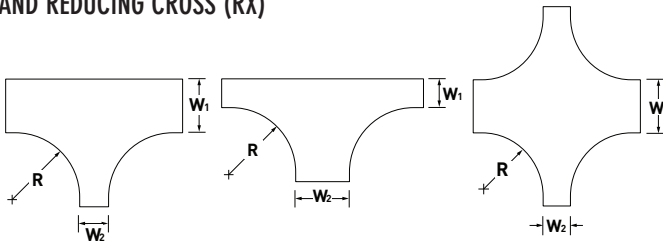
- PCT is used for flat cover to peaked cover transitions.

PRODUCT CODE	FASTENER OPTIONS
FCC	GE S6
PCC	
CATALOG NUMBERING EXAMPLE:	
H / Material	Width Fasteners
4 A - FCC	- 06 - GE
PCT	S6
CATALOG NUMBERING EXAMPLE:	
Material	Width Fasteners
A - PCT	- 06 - S6

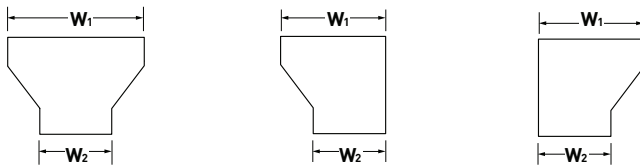
FOR HORIZONTAL TEE (HT) AND CROSS (HX)



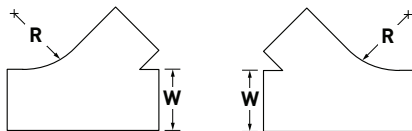
FOR HORIZONTAL REDUCING TEE (RT), EXPANDING TEE (ET) AND REDUCING CROSS (RX)



FOR HORIZONTAL STRAIGHT REDUCER (SR), LEFT HAND REDUCER (LR) AND RIGHT HAND REDUCER (RR)



FOR HORIZONTAL LEFT HAND WYE (YL) AND RIGHT HAND WYE (YR)



HORIZONTAL TEE COVER CATALOG NUMBERING EXAMPLE:

MATERIAL	A	S	F	F	HT	1	2	0	6	WIDTH
										06 - 6"
										09 - 9"
										12 - 12"
										18 - 18"
										24 - 24"
										30 - 30"
										36 - 36"

A

COVER TYPE

SFF - Solid Flat Flanged
LFF - Louvered Flat Flanged
SPF - Solid Peaked Flanged

FITTING CODE

HT
HX

RADIUS

12 - 12"
24 - 24"
36 - 36"

A

WIDTH

06 - 6"
09 - 9"
12 - 12"
18 - 18"
24 - 24"
30 - 30"
36 - 36"

HORIZONTAL REDUCING TEE COVER CATALOG NUMBERING EXAMPLE:

MATERIAL	A	S	F	F	RT	1	2	-	1	2	0	6	W1	W2*
													06 - 6"	06 - 6"
													09 - 9"	09 - 9"
													12 - 12"	12 - 12"
													18 - 18"	18 - 18"
													24 - 24"	24 - 24"
													30 - 30"	30 - 30"
													36 - 36"	36 - 36"

A

COVER TYPE

SFF - Solid Flat Flanged
LFF - Louvered Flat Flanged
SPF - Solid Peaked Flanged

FITTING CODE

RT
ET
RX

RADIUS

12 - 12"
24 - 24"
36 - 36"

A

WIDTH

06 - 6"
09 - 9"
12 - 12"
18 - 18"
24 - 24"
30 - 30"
36 - 36"

* See tables below for available branch widths.

HORIZONTAL STRAIGHT REDUCER COVER CATALOG NUMBERING EXAMPLE:

MATERIAL	A	S	F	F	SR	1	2	-	0	6	W1	W2
											09 - 9"	06 - 6"
											12 - 12"	09 - 9"
											18 - 18"	12 - 12"
											24 - 24"	18 - 18"
											30 - 30"	24 - 24"
											36 - 36"	30 - 30"

A

COVER TYPE

SFF - Solid Flat Flanged
LFF - Louvered Flat Flanged
SPF - Solid Peaked Flanged

FITTING CODE

SR
LR
RR

WIDTH

09 - 9"
12 - 12"
18 - 18"
24 - 24"
30 - 30"
36 - 36"

A

06 - 6"
09 - 9"
12 - 12"
18 - 18"
24 - 24"
30 - 30"

HORIZONTAL LEFT HAND WYE COVER CATALOG NUMBERING EXAMPLE:

MATERIAL	A	S	F	F	YL	2	4	-	1	2	WIDTH
											06 - 6"
											09 - 9"
											12 - 12"
											18 - 18"
											24 - 24"
											30 - 30"
											36 - 36"

A

COVER TYPE

SFF - Solid Flat Flanged
LFF - Louvered Flat Flanged

FITTING CODE

YL
YR

RADIUS

24 - 24"

A

WIDTH

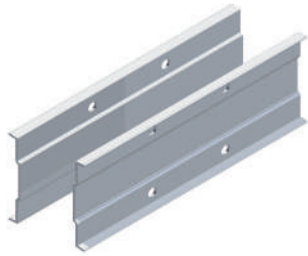
06 - 6"
09 - 9"
12 - 12"
18 - 18"
24 - 24"
30 - 30"
36 - 36"

MAIN WIDTHS (W1)	AVAILABLE REDUCING BRANCH WIDTHS (W2)					
9	6	-	-	-	-	-
12	6	9	-	-	-	-
18	6	9	12	-	-	-
24	6	9	12	18	-	-
30	6	9	12	18	24	-
36	6	9	12	18	24	30

MAIN WIDTHS (W1)	AVAILABLE EXPANDING BRANCH WIDTHS (W2)					
6	9	12	18	24	30	36
9	12	18	24	30	36	-
12	18	24	30	36	-	-
18	24	30	36	-	-	-
24	30	36	-	-	-	-
30	36	-	-	-	-	-

SSP STRAIGHT SPLICE KIT

A



PRODUCT CODE	FASTENER OPTIONS
SSP	GE S6
CATALOG NUMBERING EXAMPLE:	
H / Material	Fasteners
4 A - SSP	- S6

- 12" length
- Designed for splicing Itray straight sections
- Includes splices and tray connection hardware

Patent Number – 9.209.609



FSP FITTING SPLICE KIT

A



PRODUCT CODE	FASTENER OPTIONS
FSP	GE S6
CATALOG NUMBERING EXAMPLE:	
H / Material	Fasteners
4 A - FSP	- GE

- 6" length
- Designed for splicing Itray fittings
- Includes splices and tray connection hardware

Patent Number – 9.209.609



EXSP EXPANSION SPLICE KIT

A



PRODUCT CODE	FASTENER OPTIONS
EXSP	S6
CATALOG NUMBERING EXAMPLE:	
H / Material	Fasteners
4 A - EXSP	- S6

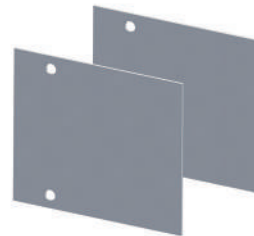
- New reduced support design! See page 8 for details.
- Includes splices and tray connection hardware

Patent Number – 9.209.609



USPB UNIVERSAL BLANK SPLICE KIT

A



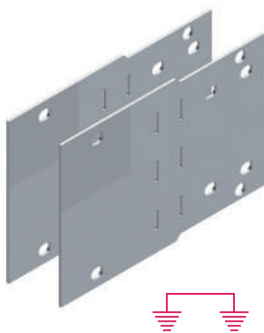
PRODUCT CODE	FASTENER OPTIONS
USPB	GE S6
CATALOG NUMBERING EXAMPLE:	
H / Material	Fasteners
4 A - USPB	- S6

- Field drill for connection to trays from other manufacturers
- Includes splices and tray connection hardware



USP UNIVERSAL SPLICE KIT

A



PRODUCT CODE	FASTENER OPTIONS
USP	GE S6
CATALOG NUMBERING EXAMPLE:	
H / Material	Fasteners
4 A - USP	- GE

- Designed to transition to PW C-channel and other I-beam systems
- Includes splices and tray connection hardware



VHSP VERTICAL HANGER SPLICE KIT

A



PRODUCT CODE	FASTENER OPTIONS
VHSP	GE S6
CATALOG NUMBERING EXAMPLE:	
H / Material	Fasteners
4 A - VHSP	- GE

- For vertical tray support with threaded rods
- Includes splices and tray connection hardware



90SP 90° CONNECTOR SPLICE KIT

A



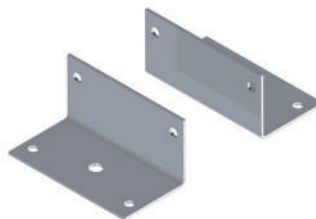
PRODUCT CODE	FASTENER OPTIONS
90SP	GE S6
CATALOG NUMBERING EXAMPLE:	
Rail Height / Material	Fasteners
4 A - 90SP	- GE

- Includes 8 splice bolts for connecting trays



FFSP FLOOR FLANGE SPLICE KIT/TRAY-TO-BOX CONNECTOR

A



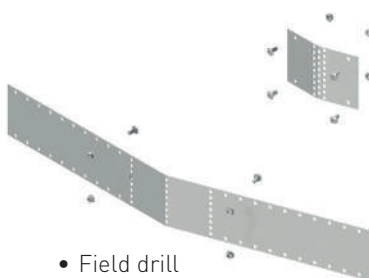
PRODUCT CODE	FASTENER OPTIONS
FFSP	GE S6
CATALOG NUMBERING EXAMPLE:	
Rail Height / Material	Fasteners
4 A - FFSP	- S6

- Includes 4 splice bolts for tray connection hardware



HASP HORIZONTAL ADJUSTABLE SPLICE KIT

A



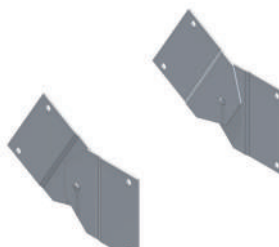
PRODUCT CODE	FASTENER OPTIONS
HASP	GE S6
CATALOG NUMBERING EXAMPLE:	
Rail Height / Material	Fasteners
4 A - HASP	- S6

- Field drill outer splices
- Includes splices and tray connection hardware



VASP VERTICAL ADJUSTABLE SPLICE KIT

A



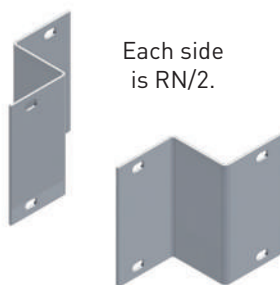
PRODUCT CODE	FASTENER OPTIONS
VASP	GE S6
CATALOG NUMBERING EXAMPLE:	
H / Material	Fasteners
4 A - VASP	- GE

- Includes splices and tray connection hardware



SRSP STRAIGHT REDUCER SPLICE KIT

A



Each side is RN/2.

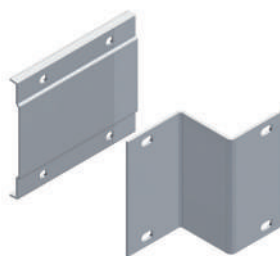
PRODUCT CODE	FASTENER OPTIONS
SRSP	GE S6
CATALOG NUMBERING EXAMPLE:	
H / Material	RN Fasteners
4 A - SRSP	- 06 - GE

- Includes splices and tray connection hardware



ORSP OFFSET REDUCER SPLICE KIT

A



PRODUCT CODE	FASTENER OPTIONS
ORSP	GE S6
CATALOG NUMBERING EXAMPLE:	
H / Material	RN Fasteners
4 A - ORSP	- 06 - S6

- Includes splices and tray connection hardware
- Patented design

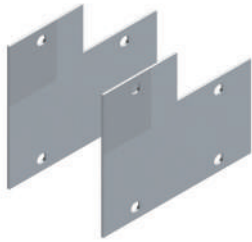


TRAY WIDTH REDUCTION (RN) INCHES

3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27

RHSP REDUCING HEIGHT SPLICE KIT

A



PRODUCT CODE	FASTENER OPTIONS
RHSP	GE S6
CATALOG NUMBERING EXAMPLE:	
H1 / H2 / Material	Fasteners
5 4 A -	RHSP - GE

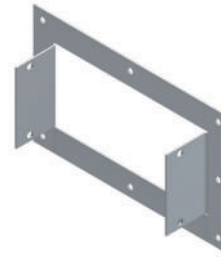
H1	H2 OPTIONS
5	4 - -
6	4 5 -
7	4 5 6

- Includes splices and tray connection hardware



TBC TRAY-TO-BOX CONNECTOR (FRAME TYPE)

A



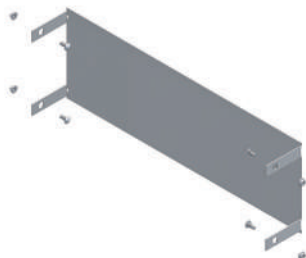
PRODUCT CODE	FASTENER OPTIONS
TBC	GE S6
CATALOG NUMBERING EXAMPLE:	
H / Material	W Fasteners
4 A -	TBC - 06 - S6

- Includes one frame and connection hardware
- Designed to support 1tray at connection to electrical enclosures



BE BLIND END KIT

A



PRODUCT CODE	FASTENER OPTIONS
BE	GE S6
CATALOG NUMBERING EXAMPLE:	
H / Material	W Fasteners
4 A -	BE - 06 - S6

- Includes one frame and connection hardware

DO DROP OUT KIT

A



PRODUCT CODE	FASTENER OPTIONS
DO	S6
CATALOG NUMBERING EXAMPLE:	
Material	W Fasteners
A -	DO - 06 - S6

- Snaps in place over I-rung

DIV VERTICAL ELBOW DIVIDERS

A



PRODUCT CODE	FASTENER OPTIONS
DIV	S6
CATALOG NUMBERING EXAMPLE:	
H / Material	Elbow R Fasteners
6 A -	DIV - 90V024 - S6

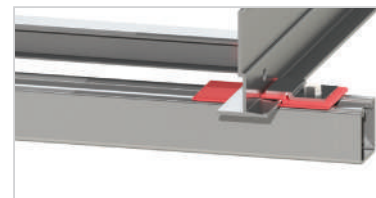
- Each divider includes two self-drilling screws

RADIUS (R) INCHES
12 | 24 | 36

WIDTHS (W) INCHES
6 | 9 | 12 | 18 | 24 | 30 | 36

RAIL HEIGHTS (H) INCHES
4 | 5 | 6 | 7

IP34 CABLE TRAY ISOLATION PAD



PRODUCT CODE	WIDTH	LENGTH (FOLDED)
IP34	2.75	4

- Reduces vibration from industrial machinery
- Use an electrical isolation barrier or as a barrier between dissimilar metals
- High-visibility red color is useful during inspections
- Made from durable HDPE (High-Density Polyethylene)
- Use with a hold-down clamp or as configured for an expansion guide

OHC B OVERHEAD CLAMP KIT

Z



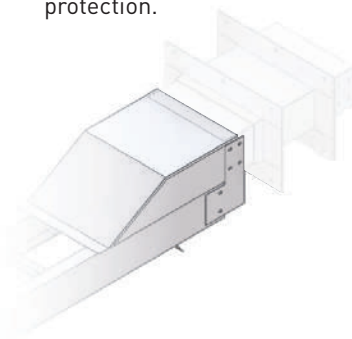
- Designed for trapeze hanging of Itray without drilling.
- Mounting kits available for 3/8" and 1/2" threaded rod
- Kit includes: eight SFHN (nuts with washers), two top brackets, two bottom brackets. Threaded rod sold separately.
- Load rated at 1220 lbs/pair
- Can be used on fittings or straight sections of PW Itray

PRODUCT CODE	HOLE SIZE	WIDTH	LENGTH (TOP)	LENGTH (BOTTOM)	FASTENERS
OHC B38KIT	.375	1.5	3.6	3	ZN S6
OHC B12KIT	.5	1.5	3.6	3	

OCK OUTDOOR CONVERSION KIT

A

Makes ladder tray wall penetrations weather resistant to minimize water intrusions. Removable cover/shield fastens to tray and wall penetration sleeve for the utmost in weather protection.

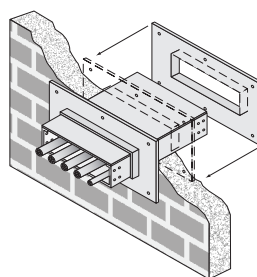


PRODUCT CODE	FASTENER OPTIONS
OCK	GE S6
CATALOG NUMBERING EXAMPLE:	
H / Material	W Fasteners
4 A - OCK	- 06 - S6

- Wall Penetration Sleeve (WPS or FWPS) not included in kit, must be ordered separately

FWPS FIRE WALL PENETRATION SLEEVE

M G

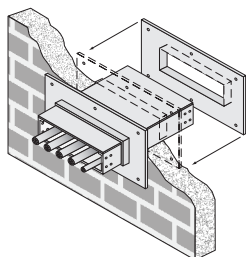


PRODUCT CODE	FASTENER OPTIONS
FWPS	GE S6
CATALOG NUMBERING EXAMPLE:	
H / Material	W Fasteners
4 G - FWPS	- 06 - S6

- Steel only; aluminum not available as it does not meet fire rating requirements
- See pgs. B.68-69 for more information

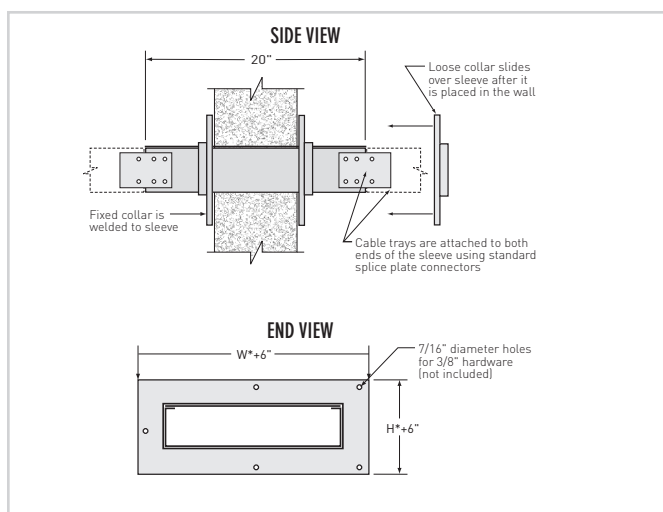
WPS WALL PENETRATION SLEEVE

M G



Provides a rigid support for cable tray at wall penetrations. Overall length of the sleeve is 20". Will fit walls up to 8" thick. Bonding jumpers are not required for use with wall sleeves. Two pairs of splice plates and fasteners are included for tray attachment.

PRODUCT CODE	FASTENER OPTIONS
WPS	GE S6
CATALOG NUMBERING EXAMPLE:	
H / Material	W Fasteners
4 M - WPS	- 06 - S6



Each cable tray firestop sleeve includes:

- One penetration sleeve with flanges
- Hilti Fire Blocks
- One Hilti Firestop Putty Stick
- Hardware for cable tray connection to the wall sleeve

UL classified for use with:

- 2-hr concrete or block walls
- 2-hr concrete floors
- 1-hr gypsum walls
- 2-hr gypsum walls



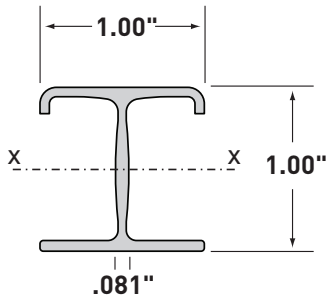
STANDARD RUNGS

This is the standard rung for all 6"-24" wide aluminum ladder trays.

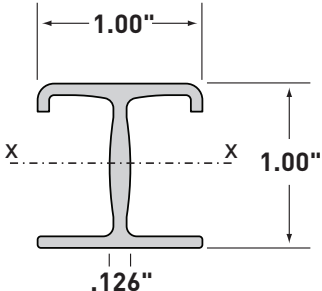
RUNG TYPE		MECHANICAL PROPERTIES	
AL	I-BEAM	MINIMUM THICKNESS = 0.050"	
		MOMENT OF INERTIA: $I_x = 0.044 \text{ IN}^4$	
		SECTION MODULUS: $S_x = 0.0869 \text{ IN}^3$	

Diagram of an I-beam cross-section with dimensions: flange width 1.00 inch, total height 1.00 inch, and web thickness 0.081 inch. A horizontal dashed line labeled 'X' indicates the center of gravity.

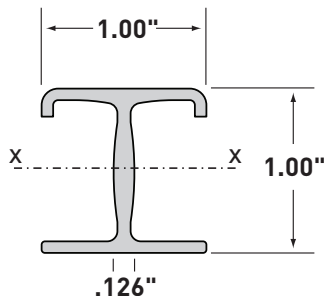
RUNG SPACING	LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)									
		TRAY WIDTH (IN.)									
		6	9	12	18	24	30	36	42	48	
6	1	5330	3553	2665	1777	1332	AH	AH	AH	AH	
	2	6814	4276	3007	1738	1104	AH	AH	AH	AH	
9	1	3553	2369	1777	1184	888	AH	AH	AH	AH	
	2	4543	2851	2005	1159	736	AH	AH	AH	AH	
12*	1	2665	1777	1332	888	667	AH	AH	AH	AH	
	2	3407	2138	1504	869	552	AH	AH	AH	AH	
18	1	1777	1184	888	592	444	AH	AH	AH	AH	
	2	2271	1425	1002	579	368	AH	AH	AH	AH	



This is the standard rung for all aluminum ladder trays 30" and wider.

RUNG TYPE		MECHANICAL PROPERTIES
AH	I-BEAM	MINIMUM THICKNESS = 0.070" MOMENT OF INERTIA: $I_x = 0.0510 \text{ IN}^4$ SECTION MODULUS: $S_x = 0.0981 \text{ IN}^3$
		

RUNG SPACING	LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)									
		TRAY WIDTH (IN.)									
		6	9	12	18	24	30	36	42	48	
6	1	AL	AL	AL	AL	AL	1360	1134	972	850	
	2	AL	AL	AL	AL	AL	1143	819	588	415	
9	1	AL	AL	AL	AL	AL	907	756	648	567	
	2	AL	AL	AL	AL	AL	762	546	392	276	
12*	1	AL	AL	AL	AL	AL	680	567	486	425	
	2	AL	AL	AL	AL	AL	572	410	294	207	
18	1	AL	AL	AL	AL	AL	453	378	324	283	
	2	AL	AL	AL	AL	AL	381	273	196	138	



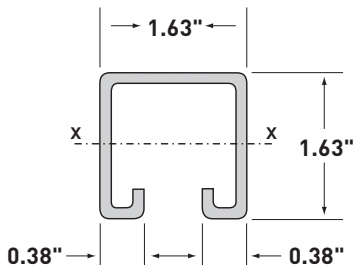
This is the standard rung for tray systems 4812 and 4904. Designed for extremely heavy load applications. This profile will accept strut hardware and accessories. Trays which use this rung will have a load depth equal to the side rail height minus 1 5/8". SR rungs are installed alternating slot up and slot down.

RUNG TYPE		MECHANICAL PROPERTIES	
SR	SLOTTED†	MINIMUM THICKNESS = 0.102"	
		MOMENT OF INERTIA: $I_x = 0.1848 \text{ IN}^4$	
		SECTION MODULUS: $S_x = 0.2039 \text{ IN}^3$	

Diagram illustrating the dimensions of the slotted rung:

- Overall width: 1.63"
- Slot width: 0.38"
- Height: 1.63"

RUNG SPACING	LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)									
		TRAY WIDTH (IN.)									
		6	9	12	18	24	30	36	42	48	
6	1	9999	8700	6525	4350	3262	2610	2175	1864	1631	
	2	9999	8700	6525	4350	3262	2610	2175	1864	1576	
9	1	8700	5800	4350	2900	2175	1740	1450	1243	1087	
	2	8700	5800	4350	2900	2175	1740	1450	1243	1050	
12*	1	6525	4350	3262	2175	1631	1305	1087	932	816	
	2	6525	4350	3262	2175	1631	1305	1087	932	788	
18	1	4350	2900	2175	1450	1087	870	725	621	544	
	2	4350	2900	2175	1450	1087	870	725	621	525	



STANDARD CORRUGATED BOTTOM

A

This is the standard corrugated bottom used for all aluminum, solid-bottom tray systems up to and including NEMA Class 20C. Corrugated bottoms are not available in widths greater than 36". For extremely heavy load applications, Ladder type tray is recommended.

RUNG TYPE	MECHANICAL PROPERTIES
CA SOLID OR VENTILATED	MINIMUM THICKNESS = 0.032"

LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)						
	TRAY WIDTH (IN.)						
	6	9	12	18	24	30	36
1	2000	1333	1000	667	500	400	333
2	2000	1333	1000	600	350	200	100

UPGRADE BOTTOM

A

This is the upgrade slotted rung for all aluminum ladder cable tray. To specify trays and fittings with an ST upgraded rung replace the rung spacing with ST. ST rungs are spaced on 9" centers. This the standard rung for tray system 4823. ST rungs are installed alternating slot up and slot down.

RUNG TYPE	MECHANICAL PROPERTIES
ST SLOTTED†	MINIMUM THICKNESS = 0.105" MOMENT OF INERTIA: $I_x = 0.0531 \text{ IN}^4$ SECTION MODULUS: $S_x = 0.0917 \text{ IN}^3$

RUNG SPACING	LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)								
		TRAY WIDTH (IN.)								
		6	9	12	18	24	30	36	42	48
6	1	6602	4402	3301	2201	1651	1320	1100	943	825
	2	6602	4402	3301	2201	1604	1123	803	574	402
9	1	4402	2934	2201	1467	1100	880	734	629	550
	2	4402	2934	2201	1467	1069	749	535	382	268
12*	1	3301	2201	1651	1100	825	660	550	472	413
	2	3301	2201	1651	1100	802	562	401	287	201
18	1	2201	1467	1100	734	550	440	367	314	275
	2	2201	1467	1100	734	535	374	268	191	134

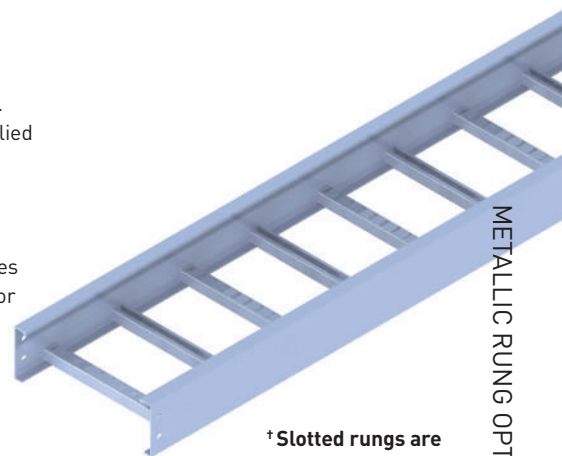
1 SAFE LOAD/CABLE LOAD ONLY: Allowable uniformly-distributed cable load expressed in lbs/linear foot of tray length, based on the load carrying capability of the rung with a safety factor of 1.5. To convert Safe Load/Cable Load Only to reflect a safety factor of 2.0, multiply the safe loads shown by 0.75.

2 SAFE LOAD / CABLE LOAD +200 LBS: Allowable uniformly-distributed cable load expressed in lbs/linear foot of tray length, based on the load carrying capability of the rung with a 200 lb. concentrated static load applied at the center of the rung, without collapse.

3 Will not support a 200 lb. concentrated static load applied at the center of the rung.

[XX] Two digit code in the safe load limit tables indicates recommended rung option for specified width.

* Single rung load capacity: The data shown for 12" rung spacing is equivalent to the load capacity of the single rung.



† Slotted rungs are installed alternating slot up and slot down.

METALLIC RUNG OPTIONS

LONG-SPAN

Trays for extremely heavy loads and long spans have I-beam side rails and are available in lengths up to 50'.

A

ALUMINUM

G

HOT-DIP
GALVANIZED STEEL

WIDTHS (W) INCHES

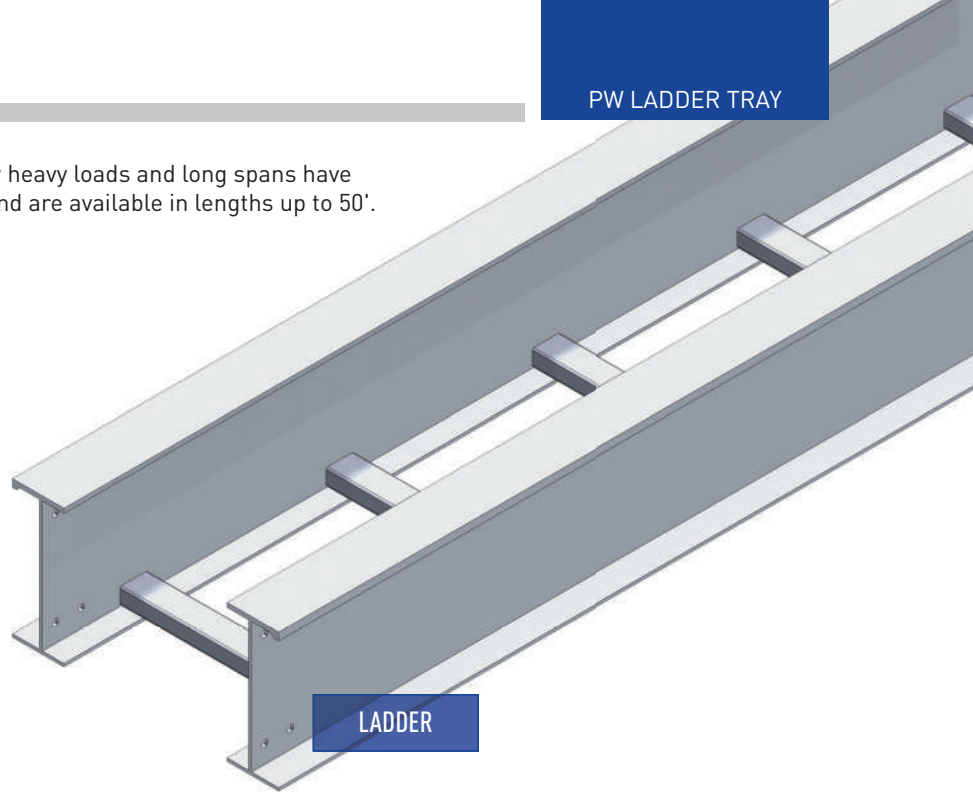
12 | 18 | 24 | 30 | 36

RAIL HEIGHTS (H) INCHES

8 | 10

LENGTHS (L) FEET

30 | 40 | 50



CONNECTORS/SPLICES:

Necessary connectors and fasteners are supplied with each section. Extra connectors for field cuts or unusual requirements must be ordered separately.

SAFE LOAD:

Allowable cable load in pounds per linear foot uniformly distributed. Based on tray with standard rung on 9" centers and supported on simple beam with safety factor of 1.5 per NEMA VE1.

CONCENTRATED LOAD:

All ladders will support a 200 lb. concentrated load applied at the center of the tray in addition to the NEMA-rated cable load without collapse.

RAIL HEIGHT (IN.)	LOAD DEPTH (IN.)	RAIL FLANGE (IN.)	NEMA CLASS	CSA CLASS	AVAILABLE LENGTHS (FT.)			SERIES	TRAY SYSTEM NUMBER	AMP RATING	
8	6*	3	30C	E, 6M	30	40	-	S2			
	6*	2½	30C		30	40	-	S2	4823	2000	
10	6*	4	40C		30	40	-	S2	4812	2000	
									4904	2000	

RAIL HEIGHT (IN.)	LOAD DEPTH (IN.)	RAIL FLANGE (IN.)	NEMA CLASS	CSA CLASS	AVAILABLE LENGTHS (FT.)			SERIES	TRAY SYSTEM NUMBER	AMP RATING	
8	6*	2¼	30B	-	30	40	-	S2			
		4	40B		30	40	50	S2	1952	600	
10	5	4	50C		30	40	50	S2	1953	600	
									1954†	600	

* 6" load depth is the maximum permissible by NEC; † Fittings not available



Legrand trays marked with CSA load class have been tested (loading, finish and electrical) by UL to CSA standard 126 22.2 .



All Legrand aluminum and steel cable trays are Classified by UL as equipment grounding conductors per NEC 392.60. [UL File No. E60796]

	22		24		26		28		30		34		36		40	
	218	2.22	179	2.58	150	2.98	127	3.39	108	3.81	76	4.44	64	4.70	48	5.31
	236	2.37	194	2.75	162	3.17	137	3.60	117	4.05	82	4.69	69	4.97	52	5.70
	331	1.39	278	1.66	237	1.94	204	2.25	178	2.59	138	3.32	123	3.73	100	4.60

	22		24		26		28		30		32		34		36		38		40		45		50	
	167	1.06	141	1.27	120	1.49	103	1.72	90	1.98	81	2.22	68	2.47	60	2.72	54	3.06	48	3.31				
	298	1.18	250	1.41	213	1.65	184	1.92	160	2.20	139	2.47	121	2.74	107	3.05	95	3.35	85	3.69	66	4.00	51	5.37
	744	1.26	625	1.50	533	1.77	459	2.05	400	2.35	347	2.64	304	2.95	268	3.26	238	3.60	212	3.94	164	4.87	124	5.62

LONG-SPAN STRAIGHT SECTION CATALOG NUMBERING EXAMPLE:

BOTTOM TYPE ←

VENTED
 09 – 9" Rung Spacing*
 12 – 12" Rung Spacing
 * Standard rung spacing

09 - 4823 - 0030 - 36 → WIDTH

TRAY SYSTEM
NUMBER

This identifies the specific tray design and is used as a product number prefix for straight sections.

LENGTH**
 0030 – 30'-0"
 0040 – 40'-0"
 0050 – 50'-0"

12 – 12"
 18 – 18"
 24 – 24"
 30 – 30"
 36 – 36"

** For spans shorter than 30' use 7A24C series. See page B.10.

STEEL

G

HOT-DIP
GALVANIZED STEEL

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

RAIL HEIGHTS (H) INCHES

4 | 5 | 6 | 7

LENGTHS (L) FEET

10 | 12 | 20 | 24

CONNECTORS/SPLICES:

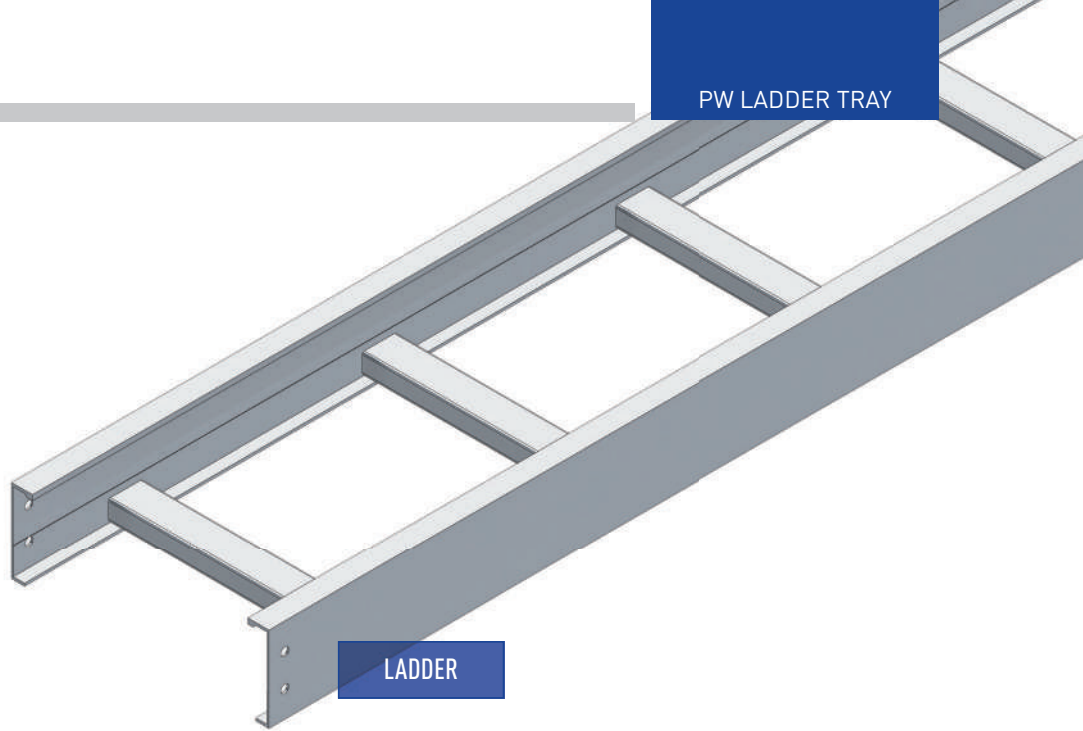
Necessary connectors and fasteners are supplied with each section. Extra connectors for field cuts or unusual requirements must be ordered separately.

SAFE LOAD:

Allowable cable load in pounds per linear foot uniformly distributed. Based on tray with standard rung on 9" centers and supported on simple beam with safety factor of 1.5 per NEMA VE1.

CONCENTRATED LOAD:

All ladders with solid rungs and trays with corrugated bottoms will support a 200 lb. concentrated load applied at the center of the tray in addition to the NEMA-rated cable load without collapse.



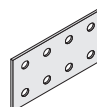
RAIL HEIGHT (IN.)	LOAD DEPTH (IN.)	RAIL FLANGE (IN.)	NEMA CLASS	CSA CLASS	SERIES	TRAY SYSTEM NUMBER		AMP RATING	
4	3	1	12C	D, 3M	S1	A457	—	100	
		1 3/4	20A, 16B	—	S2	1D80	1D81	200	
			20B, 16C	D, 6M	S2	1D82	1D83	400	
5	4	1	12C	D, 3M	S1	1E72	—	100	
		1 3/4	20B, 16C	—	S2	1E45	1E46	400	
6	5	1	12C	D, 3M	S1	A639	—	100	
		1 3/4	20B, 16C	E, 6M	S2	1F45*	1F46	400	
			20C	E, 6M	S2	1F53*	1F54	400	
7	6	1	12C	D, 3M	S1	1772	—	100	
		1 3/4	20B, 16C	E, 6M	S2	1755*	1756	400	
			20C	E, 6M	S2	1753	1754	400	

*1F45, and 1F53 corrugated bottom tray systems have a CSA load class D,6M rating.
1E53 and 1755 corrugated bottom tray systems do not have CSA load class ratings.

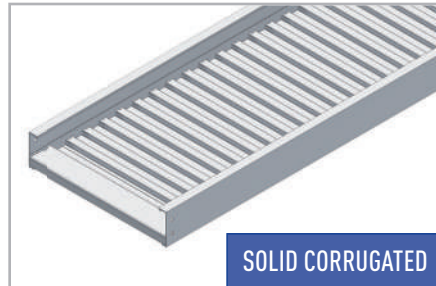
SPLICES Match above to determine the connectors you need.

SERIES1 (S1)

Fitting side rails have 2" tangents (flat portion beyond curvature) at the end of each fitting, to accommodate splice plates with four holes.


SERIES2 (S2)

Fitting side rails have 5" tangents at the end of each fitting, to accommodate splice plates with eight holes.



	SUPPORT SPAN (FT.)									
	6	8	10	12	14	16	18	20	22	24
SAFE LOAD DATA (LBS./FT.) / DEFLECTION (IN.) / SAFETY FACTOR 1.5										
439	0.31	250	0.55	160	0.86	111	1.24			
439	0.20	338	0.51	216	0.79	150	1.14	110	1.55	84
439	0.16	439	0.50	312	0.88	217	1.26	159	1.72	122
400	0.21	225	0.38	144	0.59	100	0.85			
439	0.11	439	0.37	304	0.62	211	0.90	155	1.22	119
420	0.13	236	0.22	151	0.35	105	0.50			
439	0.08	439	0.25	336	0.47	233	0.68	171	0.92	131
		439	0.20	439	0.50	319	0.75	235	1.02	180
400	0.10	225	0.18	144	0.28	100	0.40			
439	0.07	439	0.22	300	0.38	208	0.54	153	0.73	117
		439	0.17	439	0.42	319	0.63	235	0.86	180



Legrand trays marked with CSA load class have been tested (loading, finish and electrical) by UL to CSA standard 126 22.2.



All Legrand steel cable trays are Classified by UL as equipment grounding conductors per NEC 392.60. (UL File No. E60796)

STEEL STRAIGHT SECTION CATALOG NUMBERING EXAMPLE:				
BOTTOM TYPE		SYSTEM NO.	PRODUCT NO.	
		09 - A457 -	0012 - 36	
VENTED	NON-VENTED	TRAY SYSTEM NUMBER	LENGTH	
06 - 6" Rung Spacing	SC ⁺ - Solid Corrugated		0010 - 10'-0"	WIDTH
09 - 9" Rung Spacing*	* Standard rung spacing		0012* - 12'-0"	06 - 6"
12 - 12" Rung Spacing	† Not available for flange out tray		0020 ⁺ - 20'-0"	09 - 9"
VC ⁺ - Vented Corrugated			0024 - 24'-0"	12 - 12"
		This identifies the specific tray design and is used as a product number prefix for straight sections.	* Standard for	18 - 18"
			SERIES1 (S1)	24 - 24"
			† Standard for	30 - 30"
			SERIES2 (S2)	36 - 36"

STAINLESS STEEL

L

STAINLESS STEEL
AISI Type 304L

T

STAINLESS STEEL
AISI Type 316L

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

RAIL HEIGHTS (H) INCHES

4 | 5 | 6 | 7

LENGTHS (L) FEET

10 | 12 | 20 | 24

CONNECTORS/SPLICES:

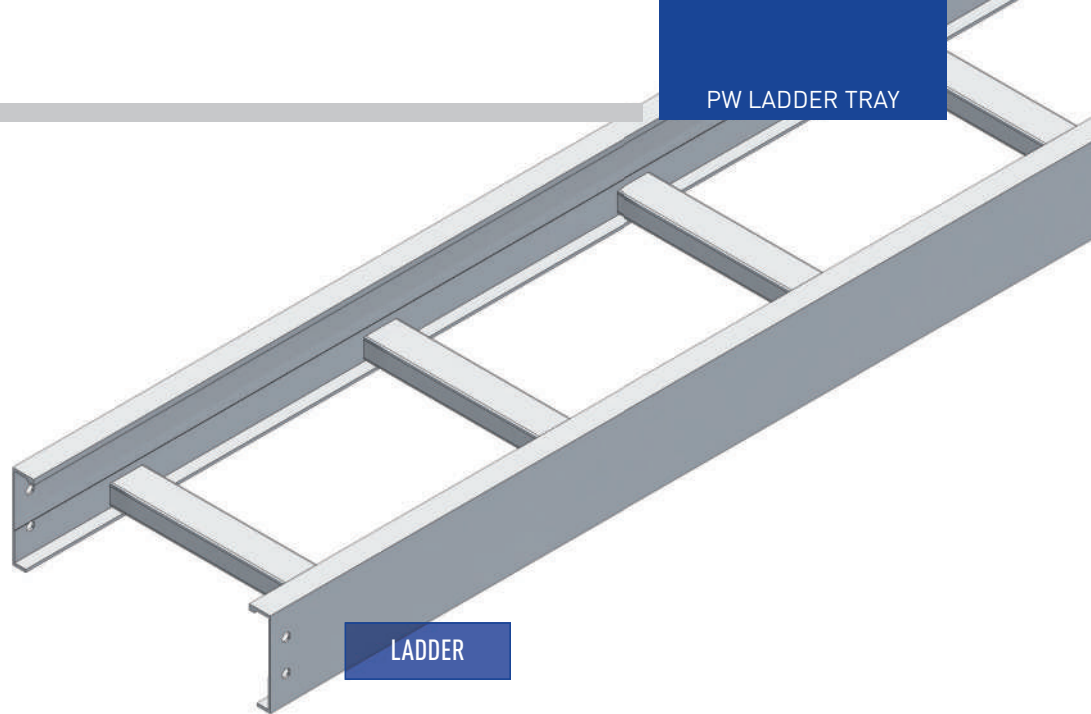
Necessary connectors and fasteners are supplied with each section. Extra connectors for field cuts or unusual requirements must be ordered separately.

SAFE LOAD:

Allowable cable load in pounds per linear foot uniformly distributed. Based on tray with standard rung on 9" centers and supported on simple beam with safety factor of 1.5 per NEMA VE1.

CONCENTRATED LOAD:

All ladders with solid rungs and trays with corrugated bottoms will support a 200 lb. concentrated load applied at the center of the tray in addition to the NEMA-rated cable load without collapse.



RAIL HEIGHT (IN.)	LOAD DEPTH (IN.)	RAIL FLANGE (IN.)	NEMA CLASS	SERIES	TRAY SYSTEM NUMBER				
4	3	1	12B	S1	3408	3416	—	—	
			12C	S1	3409	3417	—	—	
		1 3/4	20A, 16B	S2	3476	3D85	3D63	3D82	
			20B, 16C	S2	3456	3D92	3D93	3D58	
5	4	1	12B	S1	3504	3514	—	—	
			12C	S1	3505	3515	—	—	
		1 3/4	20B, 16C	S2	3551	3594	3550	3582	
6	5	1	12B	S1	3603	3620	—	—	
			12C	S1	3604	3621	—	—	
		1 3/4	20B, 16C	S2	3F67	3F85	3F68	3F66	
			20C	S2	3645	3F35	3F58	3F61	
7	6	1	12B	S1	3734	3738	—	—	
			12C	S1	3735	3739	—	—	
		1 3/4	20B, 16C	S2	3701	3723	3754	3756	
			20C	S2	3714	3724	3722	3760	

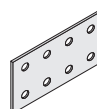
Series 2 flange in tray systems are not available in 6" and 9" widths.

SPLICES Match above to determine the connectors you need.



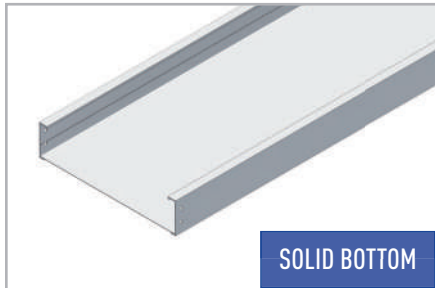
SERIES1 (S1)

Fitting side rails have 2" tangents (flat portion beyond curvature) at the end of each fitting, to accommodate splice plates with four holes.



SERIES2 (S2)

Fitting side rails have 5" tangents at the end of each fitting, to accommodate splice plates with eight holes.



SOLID BOTTOM

	SUPPORT SPAN (FT.)									
	6	8	10	12	14	16	18	20	22	24
SAFE LOAD DATA (LBS./FT.) / DEFLECTION (IN.) / SAFETY FACTOR 1.5										
300	0.30	169	0.54	108	0.85	75	1.22			
400	0.32	225	0.57	144	0.90	100	1.29			
556	0.31	313	0.55	200	0.86	139	1.24	102	1.69	78
564	0.24	469	0.62	300	0.97	208	1.39	153	1.89	117
300	0.20	169	0.35	108	0.55	75	0.79			
400	0.23	225	0.41	144	0.64	100	0.93			
564	0.16	469	0.42	300	0.66	208	0.95	153	1.29	117
300	0.11	169	0.20	108	0.31	75	0.45			
400	0.14	225	0.24	144	0.38	100	0.54			
564	0.12	469	0.32	300	0.51	208	0.73	153	0.99	117
		564	0.31	400	0.54	278	0.77	204	1.05	156
300	0.10	169	0.17	108	0.27	75	0.39			
400	0.11	225	0.19	144	0.30	100	0.43			
564	0.10	469	0.26	300	0.41	208	0.58	153	0.79	117
		564	0.28	400	0.48	278	0.69	204	0.93	156

STAINLESS STEEL STRAIGHT SECTION CATALOG NUMBERING EXAMPLE:

BOTTOM TYPE

VENTED

06 – 6" Rung Spacing
09 – 9" Rung Spacing*
12 – 12" Rung Spacing

NON-VENTED

SF* – Solid Flat Bottom

* Standard rung spacing

† Not available with flange out tray

TRAY SYSTEM NUMBER

This identifies the specific tray design and is used as a product number prefix for straight sections.

LENGTH

0010 – 10'-0"
0012* – 12'-0"
0020† – 20'-0"
0024 – 24'-0"

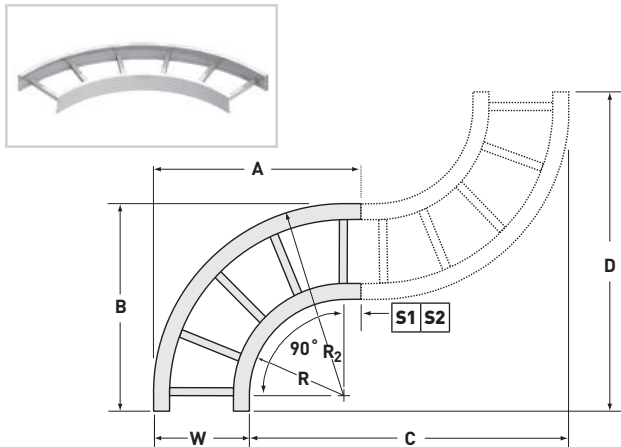
* Standard for
SERIES1 (S1)
† Standard for
SERIES2 (S2)

WIDTH

06 – 6"
09 – 9"
12 – 12"
18 – 18"
24 – 24"
30 – 30"
36 – 36"

HORIZONTAL 90° ELBOW

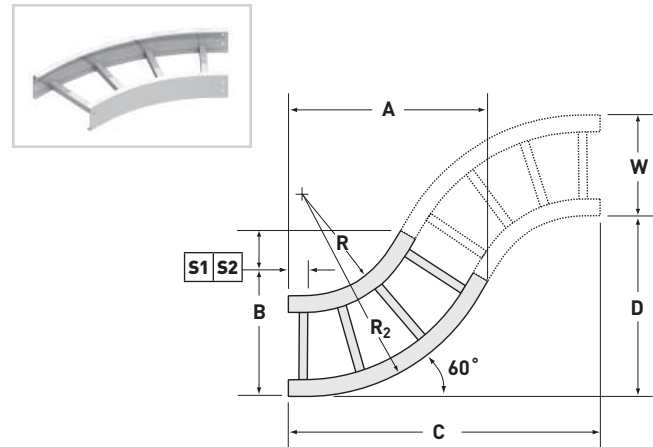
G L T



PRODUCT NUMBER RADIUS (IN.)	W	R2	SERIES1 (S1)				SERIES2 (S2)			
			A	B	C	D	A	B	C	D
9012 12"	6	18	20	20	34	34	23	23	40	40
	9	21	23	23	37	37	26	26	43	43
	12	24	26	26	40	40	29	29	46	46
	18	30	32	32	46	46	35	35	52	52
	24	36	38	38	52	52	41	41	58	58
	30	42	44	44	58	58	47	47	64	64
9024 24"	6	30	32	32	58	58	35	35	64	64
	9	33	35	35	61	61	38	38	67	67
	12	36	38	38	64	64	41	41	70	70
	18	42	44	44	70	70	47	47	76	76
	24	48	50	50	76	76	53	53	82	82
	30	54	56	56	82	82	59	59	88	88
9036 36"	6	42	44	44	82	82	47	47	88	88
	9	45	47	47	85	85	50	50	91	91
	12	48	50	50	88	88	53	53	94	94
	18	54	56	56	94	94	59	59	100	100
	24	60	62	62	100	100	65	65	106	106
	30	66	68	68	106	106	71	71	112	112
	36	72	74	74	112	112	77	77	118	118

HORIZONTAL 60° ELBOW

G L T



PRODUCT NUMBER RADIUS (IN.)	W	R2	SERIES1 (S1)				SERIES2 (S2)			
			A	B	C	D	A	B	C	D
6012 12"	6	18	18 ⁵ / ₈	13 ³ / ₄	32	18 ¹ / ₂	23 ¹ / ₈	16 ³ / ₈	41	23 ³ / ₄
	9	21	21 ¹ / ₄	16 ³ / ₄	34 ⁵ / ₈	20	25 ⁵ / ₈	19 ³ / ₈	43 ¹ / ₂	25 ¹ / ₄
	12	24	23 ³ / ₄	19 ³ / ₄	37 ¹ / ₈	21 ¹ / ₂	28 ³ / ₈	22 ³ / ₈	46 ¹ / ₄	26 ³ / ₄
	18	30	29	25 ³ / ₄	42 ³ / ₈	24 ¹ / ₂	33 ¹ / ₂	28 ³ / ₈	51 ³ / ₈	29 ³ / ₄
	24	36	34 ¹ / ₈	31 ³ / ₄	47 ¹ / ₂	27 ¹ / ₂	38 ⁵ / ₈	34 ³ / ₈	56 ¹ / ₂	32 ³ / ₄
	30	42	39 ³ / ₈	37 ³ / ₄	52 ³ / ₄	30 ¹ / ₂	43 ⁷ / ₈	40 ³ / ₈	61 ³ / ₄	35 ³ / ₄
6024 24"	6	30	29	19 ³ / ₄	52 ³ / ₄	30 ¹ / ₂	33 ¹ / ₂	22 ³ / ₈	61 ³ / ₄	35 ³ / ₄
	9	33	31 ⁵ / ₈	22 ³ / ₄	55 ³ / ₈	32	36 ¹ / ₈	25 ³ / ₈	64 ³ / ₈	37 ¹ / ₄
	12	36	34 ¹ / ₈	25 ³ / ₄	57 ⁷ / ₈	33 ¹ / ₂	38 ³ / ₄	28 ³ / ₈	67	38 ³ / ₄
	18	42	39 ³ / ₈	31 ³ / ₄	63 ³ / ₈	36 ¹ / ₂	43 ⁷ / ₈	34 ³ / ₈	72 ¹ / ₈	41 ³ / ₄
	24	48	44 ¹ / ₂	37 ³ / ₄	68 ¹ / ₄	39 ¹ / ₂	49 ¹ / ₈	40 ³ / ₈	77 ³ / ₈	44 ³ / ₄
	30	54	49 ³ / ₄	43 ³ / ₄	73 ¹ / ₂	42 ¹ / ₂	54 ¹ / ₈	46 ³ / ₈	82 ⁵ / ₈	47 ³ / ₄
6036 36"	6	42	39 ³ / ₈	25 ³ / ₄	73 ¹ / ₂	42 ¹ / ₂	43 ⁷ / ₈	28 ³ / ₈	82 ¹ / ₂	47 ³ / ₄
	9	45	42	28 ³ / ₄	76 ¹ / ₈	44	46 ¹ / ₂	31 ³ / ₈	85 ¹ / ₈	49 ¹ / ₄
	12	48	44 ¹ / ₂	31 ³ / ₄	78 ⁵ / ₈	45 ¹ / ₂	49 ¹ / ₈	34 ³ / ₈	87 ³ / ₄	50 ³ / ₄
	18	54	49 ³ / ₄	37 ³ / ₄	83 ⁷ / ₈	48 ¹ / ₂	54 ¹ / ₄	40 ³ / ₈	92 ¹ / ₈	53 ³ / ₄
	24	60	54 ⁷ / ₈	43 ³ / ₄	89	51 ¹ / ₂	59 ¹ / ₂	46 ³ / ₈	98 ¹ / ₈	56 ³ / ₄
	30	66	60 ¹ / ₈	49 ³ / ₄	94 ¹ / ₄	54 ¹ / ₂	64 ³ / ₄	52 ³ / ₈	103 ³ / ₈	59 ³ / ₄
	36	72	65 ¹ / ₄	55 ³ / ₄	99 ³ / ₄	57 ¹ / ₂	69 ⁷ / ₈	58 ³ / ₈	108 ¹ / ₂	62 ³ / ₄

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

RAIL HEIGHTS (H) INCHES

4 | 5 | 6 | 7

RADIUS (R) INCHES

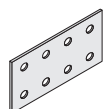
12 | 24 | 36

SPLICES Match above to determine the connectors you need.



SERIES1 (S1)

Fitting side rails have 2" tangents (flat portion beyond curvature) at the end of each fitting, to accommodate splice plates with four holes.



SERIES2 (S2)

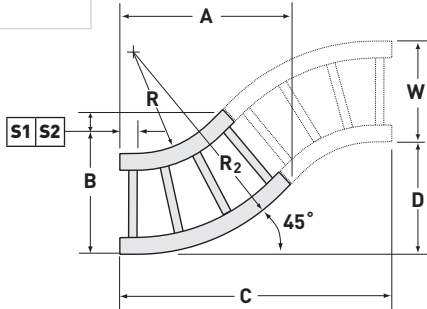
Fitting side rails have 5" tangents at the end of each fitting, to accommodate splice plates with eight holes.

CONNECTORS/SPLICES – Necessary connectors and fasteners are supplied with each section per the below chart. Extra connectors for field cuts or unusual requirements must be ordered separately.

Elbows, Reducers	1 pair ea.
Tees, Wye	2 pairs ea.
Crosses	3 pairs ea.

HORIZONTAL 45° ELBOW

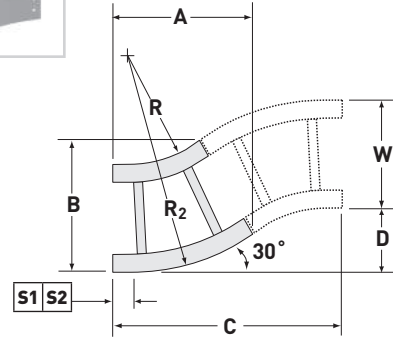
G L T



PRODUCT NUMBER RADIUS (IN.)	W	R2	SERIES1 (S1)				SERIES2 (S2)			
			A	B	C	D	A	B	C	D
4512 12"	6	18	16 ¹ / ₈	10 ⁷ / ₈	28	11 ⁵ / ₈	21 ¹ / ₄	13 ¹ / ₈	38 ³ / ₈	16
	9	21	18 ¹ / ₄	13 ³ / ₈	30 ¹ / ₈	12 ¹ / ₂	23 ³ / ₈	16 ¹ / ₈	40 ¹ / ₂	16 ⁷ / ₈
	12	24	20 ³ / ₈	16 ⁷ / ₈	32 ¹ / ₄	13 ³ / ₈	25 ¹ / ₂	19 ¹ / ₈	42 ⁵ / ₈	17 ³ / ₄
	18	30	24 ³ / ₈	22 ⁷ / ₈	36 ¹ / ₂	15 ¹ / ₈	29 ³ / ₄	25 ¹ / ₈	46 ⁷ / ₈	19 ¹ / ₂
	24	36	28 ⁷ / ₈	28 ⁷ / ₈	40 ³ / ₄	16 ³ / ₄	34	31 ¹ / ₈	51 ¹ / ₈	21 ¹ / ₄
	30	42	33 ¹ / ₈	34 ⁷ / ₈	45	18 ¹ / ₂	38 ¹ / ₄	37 ¹ / ₈	55 ³ / ₈	23
	36	48	37 ³ / ₈	40 ⁷ / ₈	49 ¹ / ₄	20 ¹ / ₄	42 ¹ / ₂	43 ¹ / ₈	59 ⁵ / ₈	24 ³ / ₄
4524 24"	6	30	24 ⁵ / ₈	14 ¹ / ₂	45	18 ³ / ₄	29 ³ / ₄	16 ⁵ / ₈	55 ¹ / ₄	23
	9	33	26 ³ / ₄	17 ¹ / ₂	47 ¹ / ₈	19 ⁵ / ₈	31 ⁷ / ₈	19 ⁵ / ₈	57 ³ / ₈	23 ³ / ₄
	12	36	28 ⁷ / ₈	20 ¹ / ₂	49 ¹ / ₄	20 ¹ / ₂	34	22 ⁵ / ₈	59 ¹ / ₂	24 ³ / ₄
	18	42	33 ¹ / ₈	26 ¹ / ₂	53 ¹ / ₂	22 ¹ / ₄	38 ¹ / ₄	28 ⁵ / ₈	63 ³ / ₄	26 ³ / ₈
	24	48	37 ³ / ₈	32 ¹ / ₂	57 ³ / ₄	23 ³ / ₈	42 ¹ / ₂	34 ⁵ / ₈	68	28 ¹ / ₄
	30	54	41 ⁵ / ₈	38 ¹ / ₂	62	25 ⁵ / ₈	46 ³ / ₄	40 ⁵ / ₈	72 ¹ / ₄	30
	36	60	45 ⁷ / ₈	44 ¹ / ₂	66 ¹ / ₄	27 ³ / ₈	51	46 ⁵ / ₈	76 ¹ / ₂	31 ³ / ₄
4536 36"	6	42	33 ¹ / ₈	18 ¹ / ₈	62	25 ⁷ / ₈	38 ¹ / ₄	20 ¹ / ₈	72 ¹ / ₄	29 ⁷ / ₈
	9	45	35 ¹ / ₄	21 ¹ / ₈	64 ¹ / ₈	26 ³ / ₄	40 ³ / ₈	23 ¹ / ₈	74 ³ / ₈	30 ³ / ₄
	12	48	37 ³ / ₈	24 ¹ / ₈	66 ¹ / ₄	27 ⁵ / ₈	42 ¹ / ₂	26 ¹ / ₈	76 ¹ / ₂	31 ³ / ₄
	18	54	41 ⁵ / ₈	30 ¹ / ₈	70 ¹ / ₂	29 ³ / ₈	46 ³ / ₄	32 ¹ / ₈	80 ³ / ₄	33 ³ / ₈
	24	60	45 ⁷ / ₈	36 ¹ / ₈	74 ³ / ₄	31	51	38 ¹ / ₈	85	35 ¹ / ₄
	30	66	50 ¹ / ₈	42 ¹ / ₈	79	32 ¹ / ₄	55 ¹ / ₄	44 ¹ / ₈	89 ¹ / ₄	37
	36	72	54 ³ / ₈	48 ¹ / ₈	83 ¹ / ₄	34 ¹ / ₂	59 ¹ / ₂	50 ¹ / ₈	93 ¹ / ₂	38 ³ / ₄

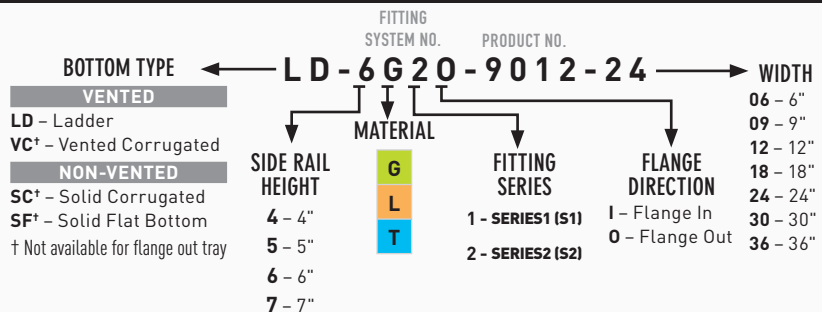
HORIZONTAL 30° ELBOW

G L T



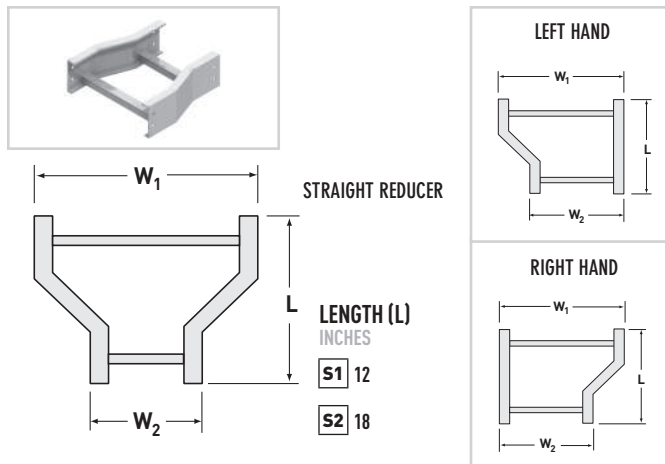
PRODUCT NUMBER RADIUS (IN.)	W	R2	SERIES1 (S1)				SERIES2 (S2)			
			A	B	C	D	A	B	C	D
3012 12"	6	18	12 ³ / ₄	8 ⁵ / ₈	22 ¹ / ₂	6	18 ³ / ₈	10 ¹ / ₈	33 ³ / ₄	9
	9	21	14 ¹ / ₄	11 ⁵ / ₈	24	6 ³ / ₈	19 ⁷ / ₈	13 ³ / ₈	35 ¹ / ₄	9 ¹ / ₂
	12	24	15 ³ / ₄	14 ⁵ / ₈	25 ¹ / ₂	6 ⁷ / ₈	21 ³ / ₈	16 ¹ / ₈	36 ³ / ₄	9 ⁷ / ₈
	18	30	18 ³ / ₄	20 ⁵ / ₈	28 ¹ / ₂	7 ⁵ / ₈	24 ³ / ₈	22 ¹ / ₈	39 ³ / ₄	10 ⁵ / ₈
	24	36	21 ³ / ₄	26 ⁵ / ₈	31 ¹ / ₂	8 ³ / ₈	27 ³ / ₈	28 ¹ / ₈	42 ³ / ₄	11 ¹ / ₂
	30	42	24 ³ / ₄	32 ⁵ / ₈	34 ¹ / ₂	9 ¹ / ₄	30 ³ / ₈	34 ¹ / ₈	45 ³ / ₄	12 ³ / ₈
	36	48	27 ³ / ₄	38 ⁵ / ₈	37 ¹ / ₂	10	33 ³ / ₈	40 ¹ / ₈	48 ³ / ₄	13 ³ / ₈
3024 24"	6	30	18 ³ / ₄	10 ¹ / ₄	34 ¹ / ₂	9 ¹ / ₄	24 ³ / ₈	11 ³ / ₄	45 ³ / ₄	12 ¹ / ₄
	9	33	20 ¹ / ₄	13 ¹ / ₄	36	9 ⁵ / ₈	25 ⁷ / ₈	14 ³ / ₄	47 ¹ / ₄	12 ⁵ / ₈
	12	36	21 ³ / ₄	16 ¹ / ₄	37 ¹ / ₂	10 ¹ / ₈	27 ³ / ₈	17 ³ / ₄	48 ³ / ₄	13
	18	42	24 ³ / ₄	22 ¹ / ₄	40 ¹ / ₂	10 ⁷ / ₈	30 ³ / ₈	23 ³ / ₄	51 ³ / ₄	13 ⁷ / ₈
	24	48	27 ³ / ₄	28 ¹ / ₄	43 ¹ / ₂	11 ⁵ / ₈	33 ³ / ₈	29 ³ / ₄	54 ³ / ₄	14 ⁵ / ₈
	30	54	30 ³ / ₄	34 ¹ / ₄	46 ¹ / ₂	12 ¹ / ₂	36 ³ / ₈	35 ³ / ₄	57 ³ / ₄	15 ³ / ₈
	36	60	33 ³ / ₄	40 ¹ / ₄	49 ¹ / ₂	13 ¹ / ₄	39 ³ / ₈	41 ³ / ₄	60 ³ / ₄	16 ¹ / ₄
3036 36"	6	42	24 ³ / ₄	11 ⁷ / ₈	46 ¹ / ₂	12 ¹ / ₂	30 ³ / ₈	13 ³ / ₈	57 ³ / ₄	15 ¹ / ₂
	9	45	26 ¹ / ₄	14 ⁷ / ₈	48	12 ⁷ / ₈	31 ⁷ / ₈	16 ³ / ₈	59 ¹ / ₄	15 ⁷ / ₈
	12	48	27 ³ / ₄	17 ⁷ / ₈	49 ¹ / ₂	13 ³ / ₈	33 ³ / ₈	19 ³ / ₈	60 ³ / ₄	16 ¹ / ₄
	18	54	30 ³ / ₄	23 ⁷ / ₈	52 ¹ / ₂	14 ¹ / ₈	36 ³ / ₈	25 ³ / ₈	63 ³ / ₄	17
	24	60	33 ³ / ₄	29 ⁷ / ₈	55 ¹ / ₂	14 ⁷ / ₈	39 ³ / ₈	31 ³ / ₈	66 ³ / ₄	17 ⁷ / ₈
	30	66	36 ³ / ₄	35 ⁷ / ₈	58 ¹ / ₂	15 ³ / ₄	42 ³ / ₈	37 ³ / ₈	69 ³ / ₄	18 ³ / ₄
	36	72	39 ³ / ₄	41 ⁷ / ₈	61 ¹ / ₂	16 ¹ / ₂	45 ³ / ₈	43 ³ / ₈	72 ³ / ₄	19 ¹ / ₂

HORIZONTAL ELBOW CATALOG NUMBERING EXAMPLE:



HORIZONTAL REDUCERS

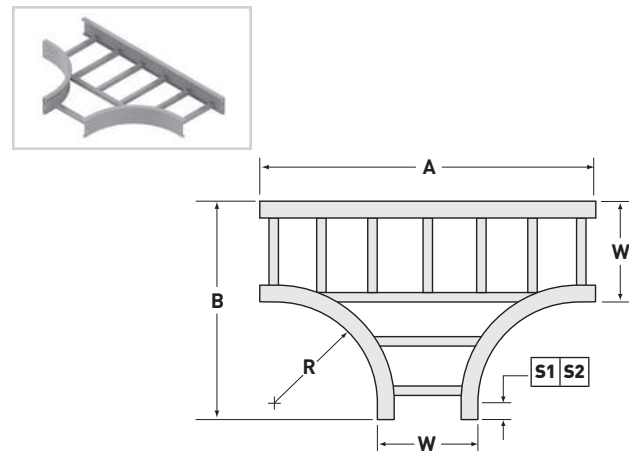
G L T



MAIN WIDTH (IN.) W_1	BRANCH WIDTH (IN.) W_2	PRODUCT NUMBER		
		STRAIGHT	LEFT HAND	RIGHT HAND
9	6	0109	0709	0809
12	6	0112	0712	0812
	9	0112	0712	0812
18	6	0118	0718	0818
	9	0118	0718	0818
	12	0118	0718	0818
24	6	0124	0724	0824
	9	0124	0724	0824
	12	0124	0724	0824
	18	0124	0724	0824
30	6	0130	0730	0830
	9	0130	0730	0830
	12	0130	0730	0830
	18	0130	0730	0830
	24	0130	0730	0830
36	6	0136	0736	0836
	9	0136	0736	0836
	12	0136	0736	0836
	18	0136	0736	0836
	24	0136	0736	0836
	30	0136	0736	0836

HORIZONTAL STANDARD TEE

G L T



PRODUCT NUMBER RADIUS (IN.)	W	SERIES1 (S1)		SERIES2 (S2)	
		A	B	A	B
2012 12"	6	34	20	40	23
	9	37	23	43	26
	12	40	26	46	29
	18	46	32	52	35
	24	52	38	58	41
	30	58	44	64	47
	36	64	50	70	53
2024 24"	6	58	32	64	35
	9	61	35	67	38
	12	64	38	70	41
	18	70	44	76	47
	24	76	50	82	53
	30	82	56	88	59
	36	88	62	94	65
2036 36"	6	82	44	88	47
	9	85	47	91	50
	12	88	50	94	53
	18	94	56	100	59
	24	100	62	106	65
	30	106	68	112	71
	36	112	74	118	77

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

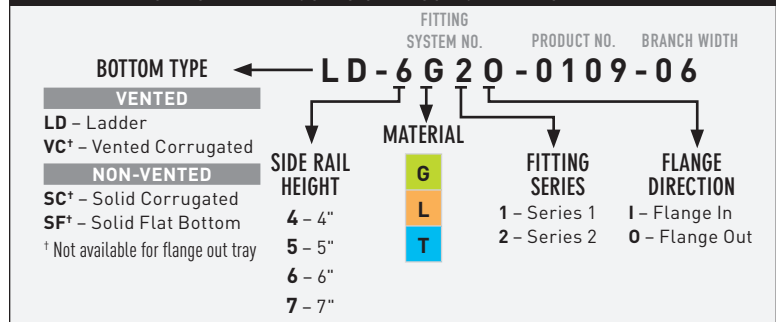
RAIL HEIGHTS (H) INCHES

4 | 5 | 6 | 7

RADIUS (R) INCHES

12 | 24 | 36

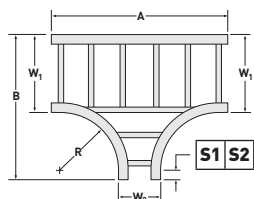
HORIZONTAL REDUCERS CATALOG NUMBERING EXAMPLE:



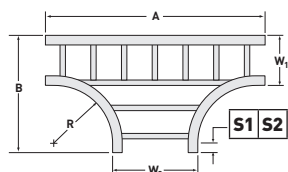
HORIZONTAL REDUCING/
EXPANDING TEES

G L T

REDUCING TEE



EXPANDING TEE



MAIN WIDTH W1	BRANCH WIDTH W2	PRODUCT NUMBER RADIUS (IN.)	SERIES1 (S1)		SERIES2 (S2)		PRODUCT NUMBER RADIUS (IN.)	SERIES1 (S1)		SERIES2 (S2)		PRODUCT NUMBER RADIUS (IN.)	SERIES1 (S1)		SERIES2 (S2)	
			A	B	A	B		A	B	A	B		A	B	A	B
9	6	2012 12"	34	23	40	26	2024 24"	58	35	64	38	2036 36"	82	47	88	50
12	6		34	26	40	29		58	38	64	41		82	50	88	53
	9		37	26	43	29		61	38	67	41		85	50	91	53
18	6		34	32	40	35		58	44	64	47		82	56	88	59
	9		37	32	43	35		61	44	67	47		85	56	91	59
	12		40	32	46	35		64	44	70	47		88	56	94	59
24	6		34	38	40	41		58	50	64	53		82	62	88	65
	9		37	38	43	41		61	50	67	53		85	62	91	65
	12		40	38	46	41		64	50	70	53		88	62	94	65
30	6		46	38	52	41		70	50	76	53		94	62	100	65
	9		34	44	40	47		58	56	64	59		82	68	88	71
	12		37	44	43	47		61	56	67	59		85	68	91	71
36	6	2012 12"	40	44	46	47	2024 24"	64	56	70	59	2036 36"	88	68	94	71
	9		46	44	52	47		70	56	76	59		94	68	100	71
	12		52	44	58	47		76	56	82	59		100	68	106	71
30	6		34	50	40	53		58	62	64	65		82	74	88	77
	9		37	50	43	53		61	62	67	65		85	74	91	77
	12		40	50	46	53		64	62	70	65		88	74	94	77
36	6		46	50	52	53		70	62	76	65		94	74	100	77
	9		52	50	58	53		76	62	82	65		100	74	106	77
	12		58	50	64	53		82	62	88	65		106	74	112	77
6	9	2012 12"	37	20	43	23	2024 24"	61	32	67	35	2036 36"	85	44	91	47
	12		40	20	46	23		64	32	70	35		88	44	94	47
	18		46	20	52	23		70	32	76	35		94	44	100	47
	24		52	20	58	23		76	32	82	35		100	44	106	47
	30		58	20	64	23		82	32	88	35		106	44	112	47
	36		64	20	70	23		88	32	94	35		112	44	118	47
9	12		40	23	46	26		64	35	70	38		88	47	94	50
	18		46	23	52	26		70	35	76	38		94	47	100	50
	24		52	23	58	26		76	35	82	38		100	47	106	50
	30		58	23	64	26		82	35	88	38		106	47	112	50
	36		64	23	70	26		88	35	94	38		112	47	118	50
12	18		46	26	52	29		70	38	76	41		94	50	100	53
	24		52	26	58	29		76	38	82	41		100	50	106	53
	30		58	26	64	29		82	38	88	41		106	50	112	53
	36		64	26	70	29		88	38	94	41		112	50	118	53
18	24	2012 12"	52	32	58	35	2024 24"	76	44	82	47	2036 36"	100	56	106	59
	30		58	32	64	35		82	44	88	47		106	56	112	59
	36		64	32	70	35		88	44	94	47		112	56	118	59
24	30		58	38	64	41		82	50	88	53		106	62	112	65
	36		64	38	70	41		88	50	94	53		112	62	118	65
30	36		64	44	70	47		88	56	94	59		112	68	118	71

CONNECTORS/SPLICES – Necessary connectors and fasteners are supplied with each section per the below chart. Extra connectors for field cuts or unusual requirements must be ordered separately.

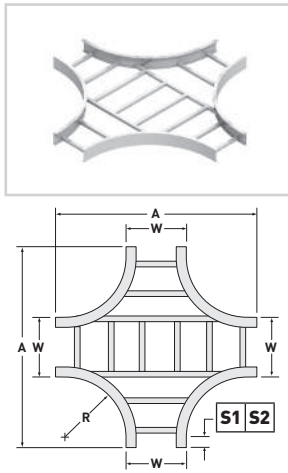
Elbows, Reducers	1 pair ea.
Tees, Wye	2 pairs ea.
Crosses	3 pairs ea.

REDUCING TEE CATALOG NUMBERING EXAMPLE:															
BOTTOM TYPE		LD - 6		G 2		0 - 2		012 - 2		4 1 2		24 1 2		1 2	
VENTED		LD - Ladder		VC† - Vented Corrugated		NON-VENTED		SC† - Solid Corrugated		SF† - Solid Flat Bottom		† Not available for flange out tray			
		SIDE RAIL HEIGHT		MATERIAL		FITTING SERIES		FLANGE DIRECTION		W1 (W2)					
		4 - 4"		G		1 - SERIES1 (S1)		I - Flange In		06 - 6"					
		5 - 5"		L		2 - SERIES2 (S2)		O - Flange Out		09 - 9"					
		6 - 6"		T						12 - 12"					
		7 - 7"								18 - 18"					
										24 - 24"					
										30 - 30"					
										36 - 36"					

HORIZONTAL CROSSES

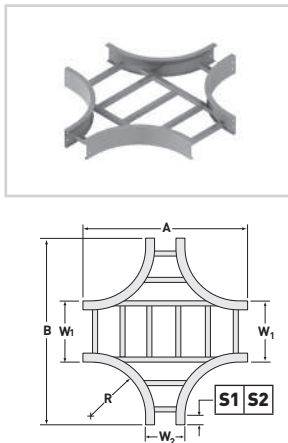
G L T

STANDARD CROSS



W	PRODUCT NUMBER RADIUS (IN.)	SERIES1 (S1)	SERIES2 (S2)	PRODUCT NUMBER RADIUS (IN.)	SERIES1 (S1)	SERIES2 (S2)	PRODUCT NUMBER RADIUS (IN.)	SERIES1 (S1)	SERIES2 (S2)
		A	A		A	A		A	A
6	1012 12"	34	40	1024 24"	58	64	1036 36"	82	88
9		37	43		61	67		85	91
12		40	46		64	70		88	94
18		46	52		70	76		94	100
24		52	58		76	82		100	106
30		58	64		82	88		106	112
36		64	70		88	94		112	118

REDUCING CROSS



MAIN WIDTH W1	BRANCH WIDTH W2	PROD. NUM. RADIUS	SERIES1 (S1)		SERIES2 (S2)		PROD. NUM. RADIUS	SERIES1 (S1)		SERIES2 (S2)		PROD. NUM. RADIUS	SERIES1 (S1)		SERIES2 (S2)	
			A	B	A	B		A	B	A	B		A	B	A	B
9	6	1012 12"	34	37	40	43	1024 24"	58	61	64	67	1036 36"	82	85	88	91
12	6		34	40	40	46		58	64	64	70		82	88	88	94
	9		37	40	43	46		61	64	67	70		85	88	91	94
18	6		34	46	40	52		58	70	64	76		82	94	88	100
	9		37	46	43	52		61	70	67	76		85	94	91	100
	12	1012 12"	40	46	46	52	1024 24"	64	70	70	76	1036 36"	88	94	94	100
24	6		34	52	40	58		58	76	64	82		82	100	88	106
	9		37	52	43	58		61	76	67	82		85	100	91	106
	12		40	52	46	58		64	76	70	82		88	100	94	106
	18		46	52	52	58		70	76	76	82		94	100	100	106
	6	1012 12"	34	58	40	64	1024 24"	58	82	64	88	1036 36"	82	106	88	112
30	9		37	58	43	64		61	82	67	88		85	106	91	112
	12		40	58	46	64		64	82	70	88		88	106	94	112
	18		46	58	52	64		70	82	76	88		94	106	100	112
	24		52	58	58	64		76	82	82	88		100	106	106	112
	6	1012 12"	34	64	40	70	1024 24"	58	88	64	94	1036 36"	82	112	88	118
36	9		37	64	43	70		61	88	67	94		85	112	91	118
	12		40	64	46	70		64	88	70	94		88	112	94	118
	18		46	64	52	70		70	88	76	94		94	112	100	118
	24		52	64	58	70		76	88	82	94		100	112	106	118
	30		58	64	64	70		82	88	88	94		106	112	112	118

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

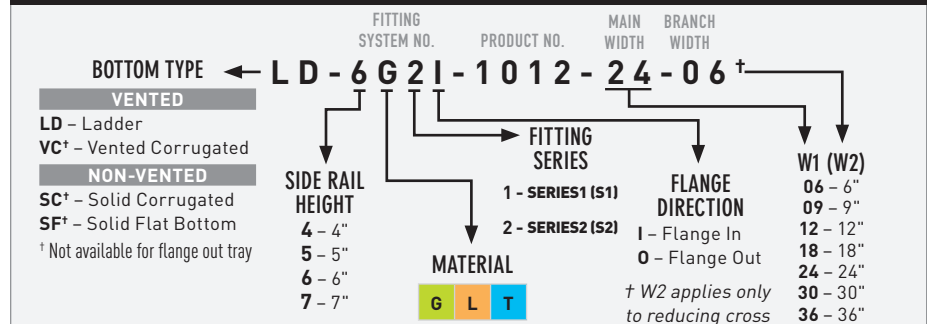
RAIL HEIGHTS (H) INCHES

4 | 5 | 6 | 7

RADIUS (R) INCHES

12 | 24 | 36

REDUCING CROSS CATALOG NUMBERING EXAMPLE:



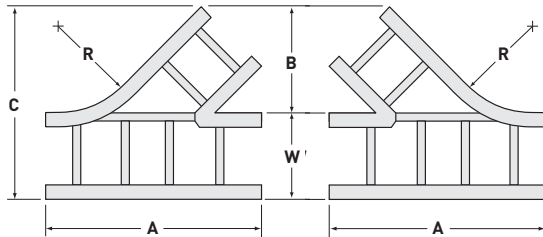
HORIZONTAL WYE BRANCHES

G L T

LEFT HAND



RIGHT HAND



W	PRODUCT NUMBER		SERIES1 (S1)			SERIES2 (S2)		
	LH RADIUS (IN.)	RH RADIUS (IN.)	A	B	C	A	B	C
6	4024 24"	4124 24"	26 ³ / ₈	10 ¹ / ₄	16 ¹ / ₄	29 ³ / ₈	10 ¹ / ₄	16 ¹ / ₄
9			30 ⁵ / ₈	12 ³ / ₈	21 ³ / ₈	33 ⁵ / ₈	12 ³ / ₈	21 ³ / ₈
12			34 ⁷ / ₈	14 ¹ / ₂	26 ¹ / ₂	37 ⁷ / ₈	14 ¹ / ₂	26 ¹ / ₂
18			43 ³ / ₈	18 ³ / ₄	36 ³ / ₄	46 ³ / ₈	18 ³ / ₄	36 ³ / ₄
24			51 ⁷ / ₈	23	47	54 ⁷ / ₈	23	47
30			60 ³ / ₈	27 ¹ / ₄	57 ¹ / ₄	63 ³ / ₈	27 ¹ / ₄	57 ¹ / ₄
36			68 ⁷ / ₈	31 ¹ / ₂	67 ¹ / ₂	71 ⁷ / ₈	31 ¹ / ₂	67 ¹ / ₂

CONNECTORS/SPLICES – Necessary connectors and fasteners are supplied with each section per the below chart. Extra connectors for field cuts or unusual requirements must be ordered separately.

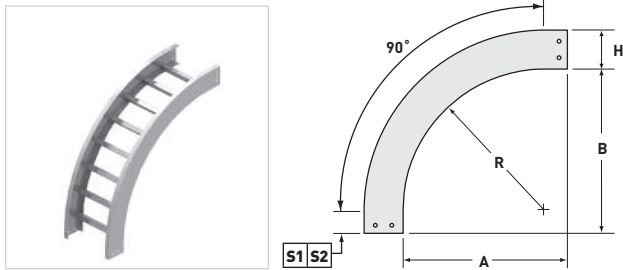
Elbows, Reducers	1 pair ea.
Tees, Wye	2 pairs ea.
Crosses	3 pairs ea.

HORIZONTAL WYE BRANCH CATALOG NUMBERING EXAMPLE:

BOTTOM TYPE		FITTING SYSTEM NO.	PRODUCT NO.		
VENTED LD – Ladder VC [†] – Vented Corrugated NON-VENTED SC [†] – Solid Corrugated SF [†] – Solid Flat Bottom [†] Not available for flange out tray		L D - 6 G 2 0 - 4 0 2 4 - 2 4 ↓ SIDE RAIL HEIGHT 4 – 4" 5 – 5" 6 – 6" 7 – 7"	↓ MATERIAL G L T	FITTING SERIES 1 – SERIES1 (S1) 2 – SERIES2 (S2) ↓ FLANGE DIRECTION I – Flange In O – Flange Out	WIDTH 06 – 6" 09 – 9" 12 – 12" 18 – 18" 24 – 24" 30 – 30" 36 – 36"

VERTICAL OUTSIDE 90° ELBOW

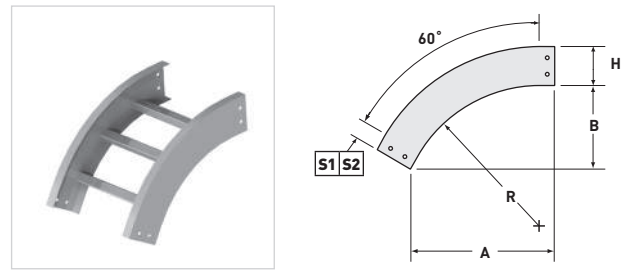
G L T



RAIL HEIGHT (IN.) >		4, 5, 6, 7			
PRODUCT NUMBER RADIUS (IN.)	W*	SERIES1 (S1)		SERIES2 (S2)	
		A	B	A	B
9212 12"	ALL	14	14	17	17
9224 24"	ALL	26	26	29	29
9236 36"	ALL	38	38	41	41

VERTICAL OUTSIDE 60° ELBOW

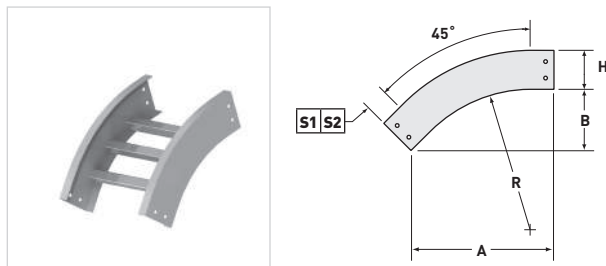
G L T



RAIL HEIGHT (IN.) >		4, 5, 6, 7			
PRODUCT NUMBER RADIUS (IN.)	W*	SERIES1 (S1)		SERIES2 (S2)	
		A	B	A	B
6212 12"	ALL	13 1/2	7 3/4	18	1 3/8
6224 24"	ALL	23 7/8	13 3/4	28 3/8	16 3/8
6236 36"	ALL	34 1/4	19 3/4	38 3/4	22 3/8

VERTICAL OUTSIDE 45° ELBOW

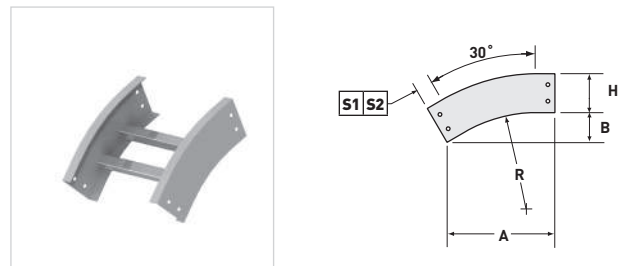
G L T



RAIL HEIGHT (IN.) >		4, 5, 6, 7			
PRODUCT NUMBER RADIUS (IN.)	W*	SERIES1 (S1)		SERIES2 (S2)	
		A	B	A	B
4712 12"	ALL	12	5	17 1/8	7 1/8
4724 24"	ALL	20 1/2	8 1/2	25 5/8	10 5/8
4736 36"	ALL	28 7/8	12	34	14 1/8

VERTICAL OUTSIDE 30° ELBOW

G L T



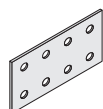
RAIL HEIGHT (IN.) >		4, 5, 6, 7			
PRODUCT NUMBER RADIUS (IN.)	W*	SERIES1 (S1)		SERIES2 (S2)	
		A	B	A	B
3212 12"	ALL	9 3/4	2 5/8	15 5/8	4 1/8
3224 24"	ALL	15 3/4	4 1/4	21 5/8	5 3/4
3236 36"	ALL	21 3/4	5 7/8	27 3/8	7 3/8

SPLICES Match above to determine the connectors you need.



SERIES1 (S1)

Fitting side rails have 2" tangents (flat portion beyond curvature) at the end of each fitting, to accommodate splice plates with four holes.



SERIES2 (S2)

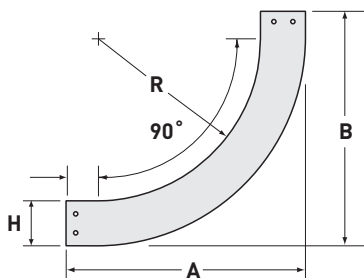
Fitting side rails have 5" tangents at the end of each fitting, to accommodate splice plates with eight holes.

CONNECTORS/SPLICES – Necessary connectors and fasteners are supplied with each section per the below chart. Extra connectors for field cuts or unusual requirements must be ordered separately.

Elbows, Reducers	1 pair ea.
Tees, Wye	2 pairs ea.
Crosses	3 pairs ea.

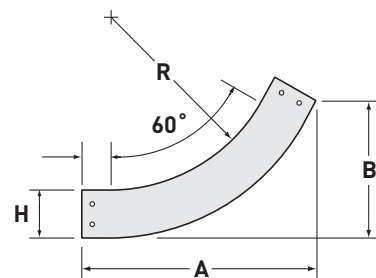
VERTICAL INSIDE 90° ELBOW

G L T



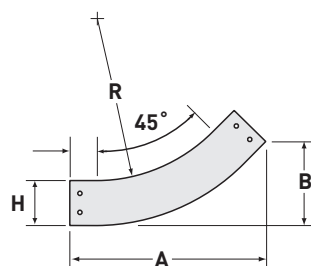
VERTICAL INSIDE 60° ELBOW

G L T



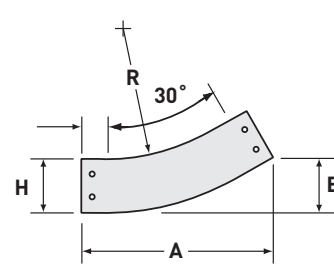
VERTICAL INSIDE 45° ELBOW

G L T



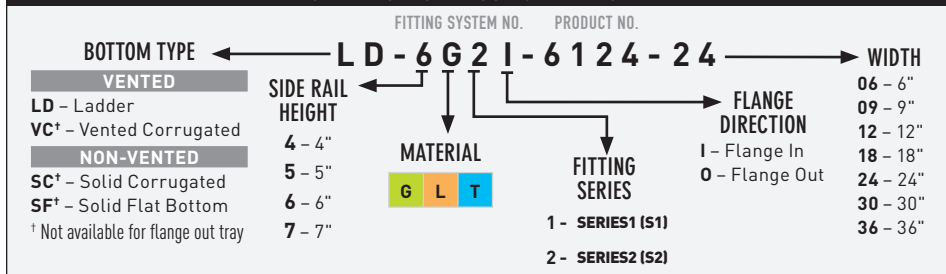
VERTICAL INSIDE 30° ELBOW

G L T



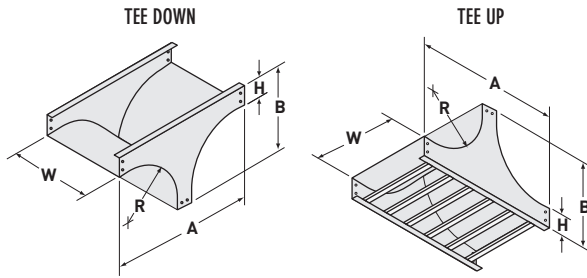
	RAIL HEIGHT >			4				5				6				7			
	PRODUCT NUMBER RADIUS (IN.)	R	W	SERIES1 (S1)	SERIES2 (S2)	SERIES1 (S1)	SERIES2 (S2)	SERIES1 (S1)	SERIES2 (S2)	SERIES1 (S1)	SERIES2 (S2)	SERIES1 (S1)	SERIES2 (S2)	SERIES1 (S1)	SERIES2 (S2)	SERIES1 (S1)	SERIES2 (S2)		
				A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
90°	9112	12	ALL	18	18	21	21	19	19	22	22	20	20	23	23	21	21	24	24
	9124	24	ALL	30	30	33	33	31	31	34	34	32	32	35	35	33	33	36	36
	9136	36	ALL	42	42	45	45	43	43	46	46	44	44	47	47	45	45	48	48
60°	6112	12	ALL	16 ⁷ / ₈	9 ³ / ₄	21 ³ / ₈	12 ³ / ₈	17 ³ / ₄	10 ¹ / ₄	22 ¹ / ₄	12 ⁷ / ₈	18 ⁵ / ₈	10 ³ / ₄	23 ¹ / ₈	13 ³ / ₈	19 ¹ / ₂	11 ¹ / ₄	24	13 ⁷ / ₈
	6124	24	ALL	27 ¹ / ₄	15 ³ / ₄	31 ³ / ₄	18 ³ / ₈	28 ¹ / ₈	16 ¹ / ₄	32 ³ / ₈	18 ⁷ / ₈	29	16 ³ / ₄	33 ¹ / ₂	19 ³ / ₈	29 ⁷ / ₈	17 ¹ / ₄	34 ³ / ₈	19 ⁷ / ₈
	6136	36	ALL	37 ³ / ₄	21 ³ / ₄	42 ¹ / ₄	24 ³ / ₈	38 ⁵ / ₈	22 ¹ / ₄	43 ¹ / ₈	24 ⁷ / ₈	39 ³ / ₈	22 ³ / ₄	43 ³ / ₈	25 ³ / ₈	40 ¹ / ₄	23 ¹ / ₄	44 ³ / ₄	25 ⁷ / ₈
45°	4612	12	ALL	14 ³ / ₄	6 ¹ / ₈	19 ⁷ / ₈	8 ¹ / ₄	15 ¹ / ₂	6 ¹ / ₂	20 ⁵ / ₈	8 ⁵ / ₈	16 ¹ / ₄	6 ³ / ₄	21 ³ / ₈	8 ⁷ / ₈	16 ⁷ / ₈	7	22	9 ¹ / ₈
	4624	24	ALL	23 ¹ / ₄	9 ⁵ / ₈	28 ³ / ₈	11 ³ / ₄	24	10	29 ¹ / ₈	12 ¹ / ₈	24 ⁵ / ₈	10 ¹ / ₄	29 ³ / ₄	12 ³ / ₈	25 ³ / ₈	10 ¹ / ₂	30 ¹ / ₂	12 ⁵ / ₈
	4636	36	ALL	31 ³ / ₄	13 ¹ / ₄	36 ⁷ / ₈	15 ¹ / ₄	32 ¹ / ₂	13 ¹ / ₂	37 ⁵ / ₈	15 ⁵ / ₈	33 ¹ / ₈	13 ³ / ₄	38 ¹ / ₄	15 ⁷ / ₈	33 ⁷ / ₈	14	39	16 ¹ / ₄
30°	3112	12	ALL	11 ³ / ₄	3 ¹ / ₄	17 ³ / ₈	4 ³ / ₄	12 ¹ / ₄	3 ¹ / ₄	17 ⁷ / ₈	4 ³ / ₄	12 ³ / ₄	3 ³ / ₈	18 ³ / ₈	4 ⁷ / ₈	13 ¹ / ₄	3 ⁵ / ₈	18 ⁷ / ₈	5 ¹ / ₈
	3124	24	ALL	17 ³ / ₄	4 ³ / ₄	23 ³ / ₈	6 ¹ / ₄	18 ¹ / ₄	4 ⁷ / ₈	23 ⁷ / ₈	6 ³ / ₈	18 ³ / ₄	5	24 ³ / ₈	6 ¹ / ₂	19 ¹ / ₄	5 ¹ / ₄	24 ⁷ / ₈	6 ³ / ₄
	3136	36	ALL	23 ³ / ₄	6 ³ / ₈	29 ³ / ₈	7 ⁷ / ₈	24 ¹ / ₄	6 ¹ / ₂	29 ⁷ / ₈	8	24 ³ / ₄	6 ⁵ / ₈	30 ³ / ₈	8 ¹ / ₈	25 ¹ / ₄	6 ⁷ / ₈	30 ⁷ / ₈	8 ³ / ₄

VERTICAL ELBOW CATALOG NUMBERING EXAMPLE:



VERTICAL TEES

G L T

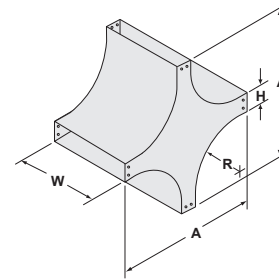


TEE UP fittings have rungs or bottom members for cable support across the bottom of the fitting.

PRODUCT NUMBER RADIUS (IN.)		W	H	SERIES1 (S1)		SERIES2 (S2)	
TEE DOWN	TEE UP			A	B	A	B
2124 24"	2224 24"	ALL	4	56	30	62	33
			5	57	31	63	34
			6	58	32	64	35
			7	59	33	65	36

VERTICAL CROSS

G L T

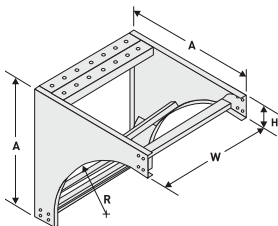


PRODUCT NUMBER RADIUS (IN.)	W	H	SERIES1 (S1)	SERIES2 (S2)
			A	A
1124 24"	ALL	4	56	62
		5	57	63
		6	58	64
		7	59	65

*This item is not available with a corrugated bottom tray type.

VERTICAL 90° SUPPORT ELBOW

G L T

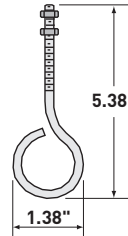


Supports cables at the top of long vertical drops where the weight of the vertical cable may be excessive. Hooks (sold separately) attach to the brace in the elbow; when used with cable grips (supplied by others), tension in the vertical cable is relieved and transferred to the elbow.

PRODUCT NUMBER RADIUS	W	H	SERIES2 (S2)
			A
9312 12"	ALL	4	21
		5	22
		6	23
		7	24
9324 24"	ALL	4	33
		5	34
		6	35
		7	36
9336 36"	ALL	4	45
		5	46
		6	47
		7	48

*Vertical Support Elbows are only available in Fitting Series 2.

CABLE SUPPORT HOOK



COMPLETE CATALOG NO.

DS-1841-ZN

Itray
COMPATIBLE

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

RAIL HEIGHTS (H) INCHES

4 | 5 | 6 | 7

RADIUS (R) INCHES

12 | 24 | 36

VERTICAL TEE DOWN CATALOG NUMBERING EXAMPLE:

FITTING SYSTEM NO.		PRODUCT NO.	
LD - 6 G 2		1 - 2 1 2 4 - 2 4	
BOTTOM TYPE	←		→ WIDTH
VENTED			06 - 6"
LD - Ladder			09 - 9"
VC* - Vented Corrugated			12 - 12"
NON-VENTED			18 - 18"
SC* - Solid Corrugated			24 - 24"
SF* - Solid Flat Bottom			30 - 30"
† Not available for flange out tray			36 - 36"
SIDE RAIL HEIGHT		MATERIAL	FITTING SERIES
4 - 4"		G L T	1 - SERIES1 (S1)
5 - 5"			2 - SERIES2 (S2)
6 - 6"			
7 - 7"			

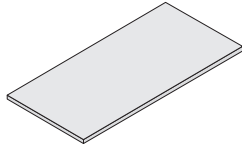
CONNECTORS/SPLICES – Necessary connectors and fasteners are supplied with each section per the below chart. Extra connectors for field cuts or unusual requirements must be ordered separately.

Elbows, Reducers	1 pair ea.
Tees, Wye	2 pairs ea.
Crosses	3 pairs ea.

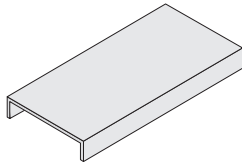


TRAY COVERS

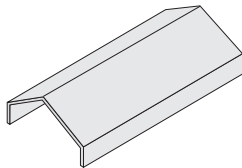
SOLID COVERS



FLAT, NON-FLANGED

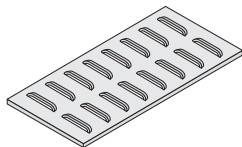


FLAT, FLANGED

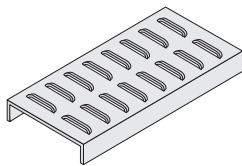


PEAKED 15°, FLANGED

LOUVERED COVERS



FLAT, NON-FLANGED



FLAT, FLANGED

In most cases covers are not required. Covers are recommended the first six feet of a cable tray system extending vertically from a floor penetration. Installing covers on outdoor cable tray systems is not a common practice. If deemed necessary, Cablofil recommends louvered covers to reduce the affect of wind lift on the system.

	FLANGE IN	1 3/4" FLANGE OUT
		SERIES2 (S2)
	SOLID, FLAT — NON-FLANGED PRODUCT NUMBER	
M	2002	2067
L	3002	3038
T	3042	3039

	SOLID, FLAT — FLANGED PRODUCT NUMBER	
M	2000	2066
G	1000	1066
L	3000	3036
T	3005	3029

	SOLID, PEAKED 15° — FLANGED PRODUCT NUMBER	
M	2140	2114
G	1140	1114
L	3128	3131
T	3017	3040

	LOUVERED, FLAT — NON-FLANGED PRODUCT NUMBER	
M	2006	2112
L	3050	3117
T	3041	3112

	LOUVERED, FLAT — FLANGED PRODUCT NUMBER	
M	2007	2104
G	1007	1104
L	3070	3003
T	3076	3113

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

RAIL HEIGHTS (H) INCHES

4 | 5 | 6 | 7

Flange is 3/8" wide.

15° is standard angle for peaked covers.
Flange is 3/8" wide.

Peaked vertical elbow fitting covers are not available.

Flange is 3/8" wide.

COVER CATALOG NUMBERING EXAMPLE:

COVER SYSTEM NO.	LENGTH OR FITTING PRODUCT NO.	
60	2000	0012-36-05
SIDE RAIL HEIGHT*	LENGTH	WIDTH
40 - 4"	0006** - 6'	02 - SERIES1 (S1)
50 - 5"	0010 - 10'	(2" Tangents)
60 - 6"	0012 - 12'	05 - SERIES2 (S2)
70 - 7"	or	(5" Tangents)
	9224	
	FITTING PRODUCT NO.	

Cover Thickness:

G	18 Ga.
M L T	20 Ga.

* Side rail height necessary for outside vertical fitting covers.

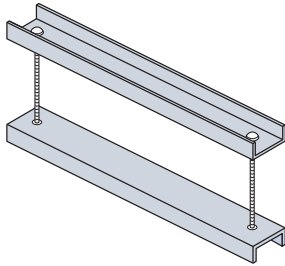
** Standard length for steel covers hot-dip galvanized after fabrication per ASTM-A-123 is 6'-0".

FLAT COVER CLAMPS

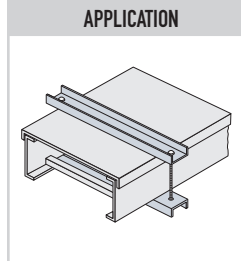
M T G*

For use with indoor, outdoor, or vertical flat covers. Top and bottom pieces are 1½" wide. Install one clamp over each cover joint and space additional clamps on 36" - 48" centers.

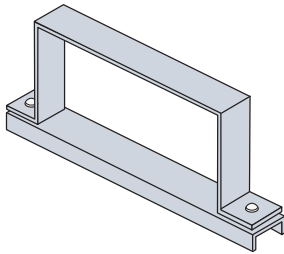
CHANNEL-STYLE



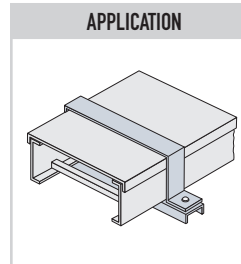
APPLICATION



STRAP-STYLE



APPLICATION



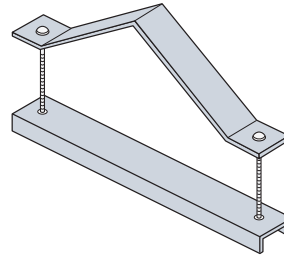
DESCRIPTION	PRODUCT NUMBER	FASTENERS
CHANNEL	1400	ZN S6
STRAP	1423	GE S6

PEAKED COVER CLAMPS

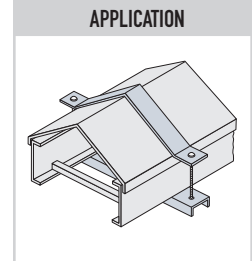
M T G*

For use with indoor, outdoor, or vertical peaked covers. Top and bottom pieces are 1½" wide. Install one clamp over each cover joint and space additional clamps on 36" - 48" centers.

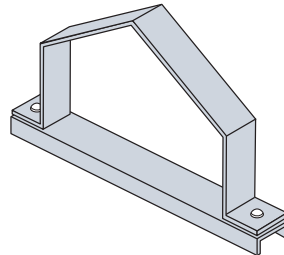
CHANNEL-STYLE



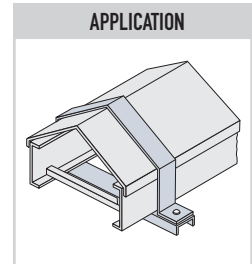
APPLICATION



STRAP-STYLE



APPLICATION

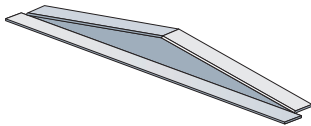


DESCRIPTION	PRODUCT NUMBER	FASTENERS
CHANNEL	1411	ZN S6
STRAP	1440	GE S6

PEAKED COVER TRANSITION

A

For use with flat cover to peaked cover transitions.

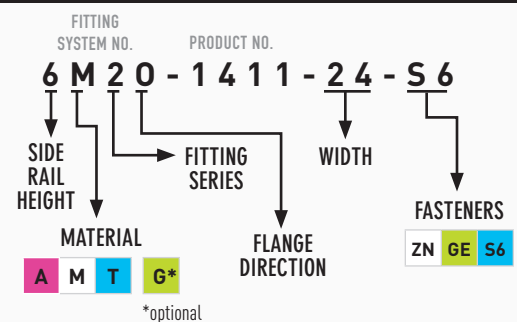


FLANGE DIRECTION	PRODUCT CODE	FASTENERS
FLANGE IN	GI-0414-W-S6	S6
FLANGE OUT	GO-0414-W-S6	S6

QUANTITY OF COVER CLAMPS REQUIRED

STRAIGHT SECTION – 5' & 6'	2
STRAIGHT SECTION – 10' & 12'	3
HORIZONTAL/VERTICAL ELBOWS	2
TEES	3
CROSSES	4

COVER CLAMP CATALOG NUMBERING EXAMPLE:

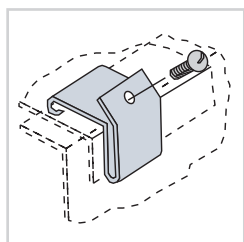


COVER CONNECTOR CLIPS

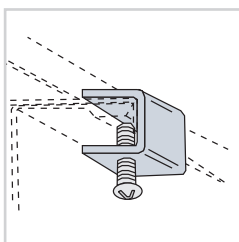
T

For use with indoor, horizontal covers. Flange-in clip requires tray with 1" side rail flanges. Flange-out clip works with any side rail flange width. Sold individually.

FLANGE-IN CLIP



FLANGE-OUT CLIP



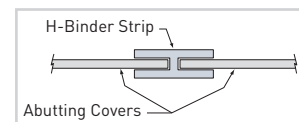
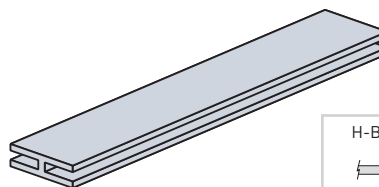
DESCRIPTION	PRODUCT NUMBER	FASTENER INCLUDED
FLANGE-IN	1410	
FLANGE-OUT	1853*	
CATALOG NUMBERING EXAMPLE (EA.):		
Material	Fasteners	
T -	1410 - S6	

*1853 is
Itray
COMPATIBLE

H-BINDER COVER JOINT STRIP

A

Closes gaps at cover joints. Notched for the tray side rail. No fasteners required.

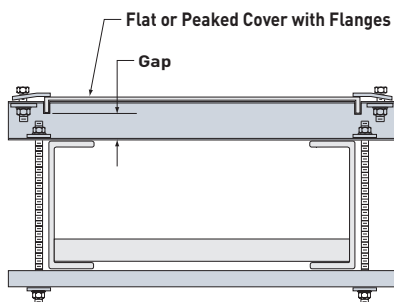


DESCRIPTION	PRODUCT NUMBER
FLAT JOINT STRIP	0925
PEAKED JOINT STRIP	0926
CATALOG NUMBERING EXAMPLE (EA.):	
Connector System No.*	Width
A20 - 0925	- 06
*A1 and A20 are the only two options	
AI is Itray	COMPATIBLE

RAISED COVER CLAMP

M T G

For use with all covers, indoors and outdoors. Covers are attached to uprightmounted "C" channel on the top of the cable tray. Install 36"-48" on center.



GAP DIMENSION (IN.)	PRODUCT NUMBER	FASTENER OPTIONS
1	1441	ZN S6
2	1442	
3	1443	
4	1444	
CATALOG NUMBERING EXAMPLE:		
Fitting System No.	Width	Fasteners
6T20 - 1441	- 06	- S6

RAISED COVER CONNECTOR

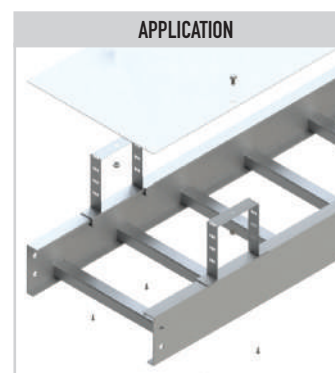
A M T

Raised cover connectors allow for ventilation of ladder tray installations while protecting cables from possible falling objects. Raised cover connectors allow a gap of 1", 2", 3" or 4".



Itray
COMPATIBLE

PRODUCT NUMBER	FASTENER INCLUDED
1432	S6
CATALOG NUMBERING EXAMPLE (EA.):	
Material	Fasteners
M - 1432	- S6



RAIL HEIGHTS (H) INCHES

B.52 4 | 5 | 6 | 7

CONNECTORS/SPLICES – Necessary connectors and fasteners are supplied with each section per the below chart. Extra connectors for field cuts or unusual requirements must be ordered separately.

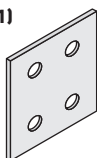
Elbows, Reducers	1 pair ea.
Tees, Wye	2 pairs ea.
Crosses	3 pairs ea.

Geomet fasteners are standard for all splice plate connectors on aluminum and steel cable tray systems. **All splices are supplied in pairs.** Type 316 stainless steel fasteners are standard on stainless steel systems, but are available as an option on all aluminum and steel systems. Sufficient connector pairs with fasteners are automatically included with each shipment of straight sections and fittings. Extras for field cuts or spares must be ordered separately. Bonding jumpers are required for all expansion splice plates, adjustable connectors, and tray discontinuities. The  symbol indicates that bonding jumpers are required.

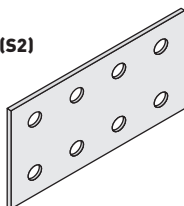
STANDARD SPLICE

G T

SERIES1 (S1)



SERIES2 (S2)

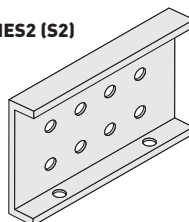


PRODUCT NUMBER	FASTENER OPTIONS
1302	GE S6
CATALOG NUMBERING EXAMPLE:	
Connector System No.†	Fasteners
4 G 1 -	1302 - G E

MID-SPAN SPLICE

G T

SERIES2 (S2)



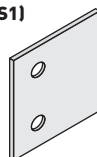
These heavy-duty splice plates are designed for random location, including mid-span. Field-drilled holes are required in the bottom flanges of adjoining trays.

PRODUCT NUMBER	FASTENER OPTIONS
1385	GE S6
CATALOG NUMBERING EXAMPLE:	
Connector System No.†	Fasteners
4 G 2 -	1385 - S 6
†This item must be specified as Series 2 in the System No.	

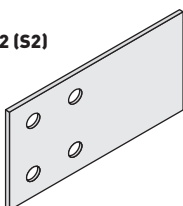
UNIVERSAL SPLICE

G T

SERIES1 (S1)



SERIES2 (S2)



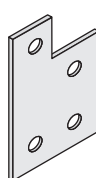
PRODUCT NUMBER	FASTENER OPTIONS
1335	GE S6
CATALOG NUMBERING EXAMPLE:	
Connector System No.†	Fasteners
4 G 1 -	1335 - G E

REDUCING HEIGHT SPLICE

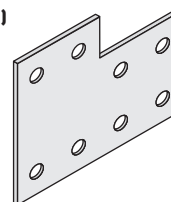
G T

These splice plates are designed to connect cable tray side rails with different heights. The connector system number includes the larger side rail height. Choose the product number depending on the reduced side rail height.

SERIES1 (S1)



SERIES2 (S2)



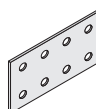
PRODUCT NUMBER	SIZE	FASTENER OPTIONS
1386	REDUCES TO 4" HIGH TRAY	GE S6
1379	REDUCES TO 5" HIGH TRAY	
1355	REDUCES TO 6" HIGH TRAY	
CATALOG NUMBERING EXAMPLE:		
Connector System No.		Fasteners
6 G 2 -		1386 - GE

SPLICES Match above to determine the connectors you need.



SERIES1 (S1)

Fitting side rails have 2" tangents (flat portion beyond curvature) at the end of each fitting, to accommodate splice plates with four holes.



SERIES2 (S2)

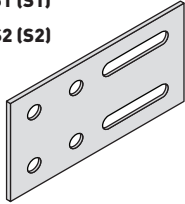
Fitting side rails have 5" tangents at the end of each fitting, to accommodate splice plates with eight holes.

Geomet fasteners are standard for all splice plate connectors on aluminum and steel cable tray systems. **All splices are supplied in pairs.** Type 316 stainless steel fasteners are standard on stainless steel systems, but are available as an option on all aluminum and steel systems. Sufficient connector pairs with fasteners are automatically included with each shipment of straight sections and fittings. Extras for field cuts or spares must be ordered separately. Bonding jumpers are required for all expansion splice plates, adjustable connectors, and tray discontinuities. The  symbol indicates that bonding jumpers are required.

EXPANSION SPLICE

G T

SERIES1 (S1)
SERIES2 (S2)



Permits thermal contraction and expansion in a cable tray installation. The length of the straight cable tray run and the temperature differential govern the number and spacing of expansion connectors. Expansion splice plates permit 2" of movement.

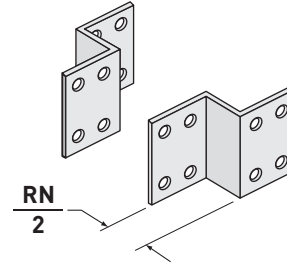
PRODUCT NUMBER	FASTENER OPTIONS
1314	GE S6
CATALOG NUMBERING EXAMPLE:	
Connector System No.	Fasteners
4 G 2 - 1314 - G E	



STRAIGHT REDUCER SPLICE

G T

SERIES1 (S1)
SERIES2 (S2)

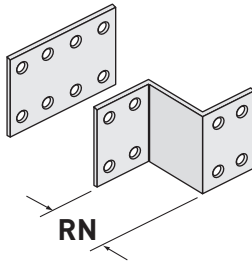


PRODUCT NUMBER	FASTENER OPTIONS
1303	GE S6
CATALOG NUMBERING EXAMPLE:	
Connector System No.	RN Fasteners
4 G 2 - 1303 - 06 - G E	

OFFSET REDUCER SPLICE

G T

SERIES1 (S1)
SERIES2 (S2)

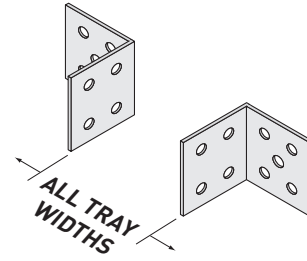


PRODUCT NUMBER	FASTENER OPTIONS
1304	GE S6
CATALOG NUMBERING EXAMPLE:	
Connector System No.	RN Fasteners
4 G 2 - 1304 - 12 - S 6	

90° CONNECTOR

G T

SERIES1 (S1)
SERIES2 (S2)



PRODUCT NUMBER	FASTENER OPTIONS
1320	GE S6
CATALOG NUMBERING EXAMPLE:	
Connector System No.	Fasteners
4 G 2 - 1320 - G E	

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

RAIL HEIGHTS (H) INCHES

4 | 5 | 6 | 7

REDUCTION (RN) INCHES

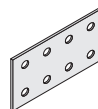
3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30

SPLICES Match above to determine the connectors you need.



SERIES1 (S1)

Fitting side rails have 2" tangents (flat portion beyond curvature) at the end of each fitting, to accommodate splice plates with four holes.



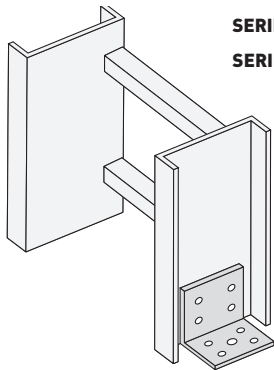
SERIES2 (S2)

Fitting side rails have 5" tangents at the end of each fitting, to accommodate splice plates with eight holes.

All splices are supplied in pairs. Bonding jumpers are required for use with all adjustable splices.

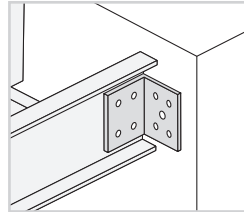
FLOOR FLANGE / TRAY-TO-BOX CONNECTOR

G T



SERIES1 (S1)
SERIES2 (S2)

Fasteners for tray attachment only are included. Floor connection leg has 7/16" diameter hole.

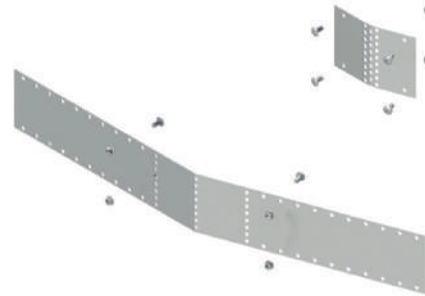


PRODUCT NUMBER	FASTENER OPTIONS
1864	GE S6
CATALOG NUMBERING EXAMPLE: Connector System No. Fasteners 4 G 2 - 1864 - G E	

HORIZONTAL ADJUSTABLE SPLICE

G T

SERIES1 (S1)
SERIES2 (S2)

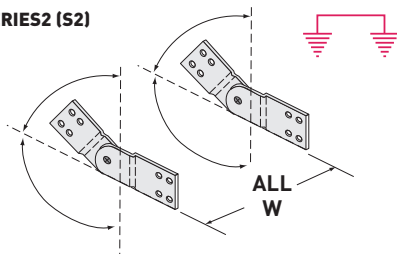


PRODUCT NUMBER	FASTENER OPTIONS
HASP	GE S6
CATALOG NUMBERING EXAMPLE: Connector System No. Fasteners 4 G - HASP - G E	

VERTICAL ADJUSTABLE SPLICE

G T

SERIES1 (S1) Maximum bend angle is $\pm 90^\circ$
SERIES2 (S2)

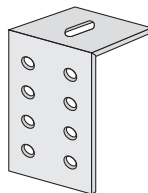


PRODUCT NUMBER	FASTENER OPTIONS
1307	GE S6
CATALOG NUMBERING EXAMPLE: Connector System No. Fasteners 4 G 2 - 1307 - G E	

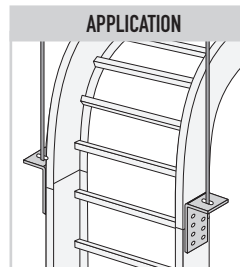
VERTICAL HANGER SPLICE

G T

SERIES1 (S1)
SERIES2 (S2)



APPLICATION

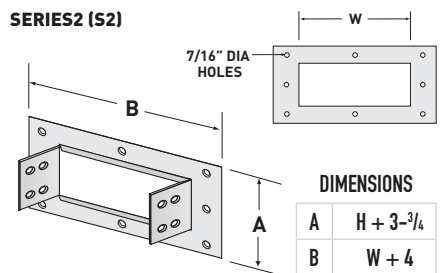


PRODUCT NUMBER	FASTENER OPTIONS
0356	GE S6
CATALOG NUMBERING EXAMPLE: Connector System No. Fasteners 6 G 2 - 0356 - S 6	

TRAY-TO-BOX FRAME CONNECTOR

G T

SERIES1 (S1) Sold individually.
SERIES2 (S2)



PRODUCT NUMBER	FASTENER OPTIONS
0403	GE S6
CATALOG NUMBERING EXAMPLE: Connector System No. Width Fasteners 4 G 2 - 0403 - 12 - G E	

All connectors on these pages are designed to fit Series 1 and 2 systems. When ordering, however, they should be specified as Series 2.

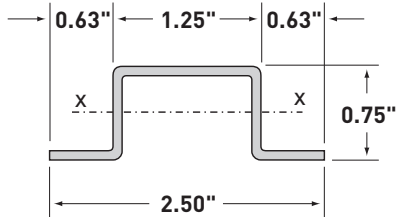
For detailed material and finish descriptions, see page B.6.

WWW.LEGRAND.US/CABLOFIL

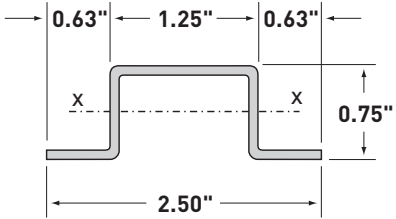
STANDARD RUNGS

This is the standard solid rung for the following steel cable trays, up to 24" wide: NEMA Class 12B and 12C ladder with flange-in side rails.

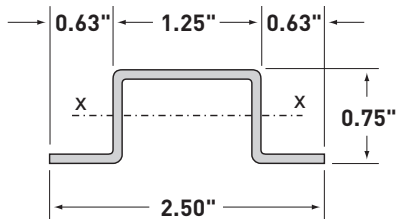
RUNG TYPE		MECHANICAL PROPERTIES
HL	SOLID	THICKNESS = 0.038" MOMENT OF INERTIA: $I_x = 0.0143 \text{ IN}^4$ SECTION MODULUS: $S_x = 0.0374 \text{ IN}^3$



This is the standard solid rung for the following steel cable trays, 30" and 36" wide: NEMA Class 12B and 12C ladder trays with flange-in side rails.

RUNG TYPE		MECHANICAL PROPERTIES	
HH	SOLID	THICKNESS = 0.048"	
		MOMENT OF INERTIA: $I_x = 0.0175 \text{ IN}^4$	
		SECTION MODULUS: $S_x = 0.0456 \text{ IN}^3$	
			

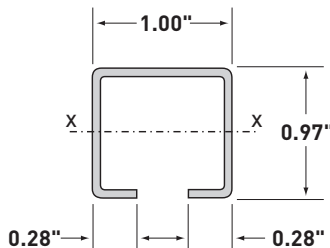
RUNG SPACING	LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)									
		TRAY WIDTH (IN.)									
		6	9	12	18	24	30	36	42	48	
5	1	HL	HL	HL	HL	HL	948	790	SU	SU	
	2	HL	HL	HL	HL	HL	481	241	SU	SU	
6	1	HL	HL	HL	HL	HL	790	659	SU	SU	
	2	HL	HL	HL	HL	HL	401	201	SU	SU	
9	1	HL	HL	HL	HL	HL	527	439	SU	SU	
	2	HL	HL	HL	HL	HL	267	134	SU	SU	
12*	1	HL	HL	HL	HL	HL	395	329	SU	SU	
	2	HL	HL	HL	HL	HL	201	101	SU	SU	



This is the standard rung for all flange-out steel ladders and all flange-in, NEMA Class 20A, 20B, and 20C, hot-dip galvanized steel ladders 6"-24" wide. Please contact Legrand for catalog numbers if this rung is desired for other tray systems.

RUNG TYPE		MECHANICAL PROPERTIES	
BX	SOLID	MINIMUM THICKNESS = 0.048" MOMENT OF INERTIA: $I_x = 0.0188 \text{ IN}^4$ SECTION MODULUS: $S_x = 0.0343 \text{ IN}^3$	

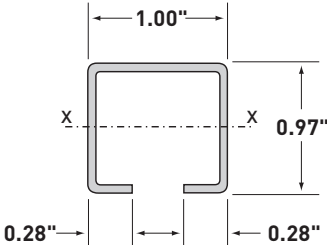
RUNG SPACING	LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)									
		TRAY WIDTH (IN.)									
		6	9	12	18	24	30	36	42	48	
6	1	3243	2162	1621	1081	811	BH	BH	BH	BH	
	2	3243	2162	1561	774	381	BH	BH	BH	BH	
9	1	2162	1441	1081	721	540	BH	BH	BH	BH	
	2	2162	1441	1041	516	254	BH	BH	BH	BH	
12*	1	1621	1081	811	540	405	BH	BH	BH	BH	
	2	1621	1081	781	387	190	BH	BH	BH	BH	
18	1	1081	721	540	360	270	BH	BH	BH	BH	
	2	1081	721	520	258	127	BH	BH	BH	BH	



STANDARD RUNGS

This is the standard rung for all flange-out steel ladders and all flange-in, NEMA Class 20A, 20B, and 20C, hot-dipped galvanized steel ladders 30" and 36" wide. Please contact Legrand for catalog numbers if this rung is desired for other tray systems.

RUNG TYPE		MECHANICAL PROPERTIES
BH	SOLID	THICKNESS = 0.060" MOMENT OF INERTIA: $I_x = 0.0227 \text{ IN}^4$ SECTION MODULUS: $S_x = 0.0414 \text{ IN}^3$

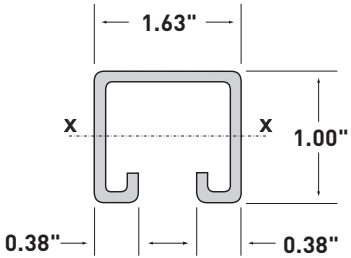


RUNG SPACING	LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)							
		TRAY WIDTH (IN.)							
		6	9	12	18	24	30	36	42
6	1	BX	BX	BX	BX	BX	816	680	583
	2	BX	BX	BX	BX	BX	388	190	49
9	1	BX	BX	BX	BX	BX	544	453	389
	2	BX	BX	BX	BX	BX	259	127	33
12	1	BX	BX	BX	BX	BX	408	340	291
	2	BX	BX	BX	BX	BX	194	95	24
18	1	BX	BX	BX	BX	BX	272	227	194
	2	BX	BX	BX	BX	BX	129	63	16

UPGRADE RUNG

This is the upgrade slotted rung for all steel ladder cable trays. SU rungs are installed alternating slot up and slot down.

RUNG TYPE		MECHANICAL PROPERTIES
SU	SLOTTED†	THICKNESS = 0.120" MOMENT OF INERTIA: $I_x = 0.0531 \text{ IN}^4$ SECTION MODULUS: $S_x = 0.0921 \text{ IN}^3$



RUNG SPACING	LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)							
		TRAY WIDTH (IN.)							
		6	9	12	18	24	30	36	42
6	1	3999	3999	3066	2044	1533	1226	1022	876
	2	3999	3999	3066	2044	1499	1040	733	514
9	1	3999	2725	2044	1363	1022	818	681	584
	2	3999	2725	2044	1363	1000	693	489	343
12*	1	3066	2044	1533	1022	766	613	511	438
	2	3066	2044	1533	1022	750	520	366	257
18	1	2044	1363	1022	681	511	409	341	292
	2	2044	1363	1022	681	500	347	244	171

1 SAFE LOAD/CABLE LOAD ONLY: Allowable uniformly-distributed cable load expressed in lbs/linear foot of tray length, based on the load carrying capability of the rung with a safety factor of 1.5. To convert Safe Load/Cable Load Only to reflect a safety factor of 2.0, multiply the safe loads shown by 0.75.

2 SAFE LOAD / CABLE LOAD +200 LBS: Allowable uniformly-distributed cable load expressed in lbs/linear foot of tray length, based on the load carrying capability of the rung with a 200 lb. concentrated static load applied at the center of the rung, without collapse.

3 Will not support a 200 lb. concentrated static load applied at the center of the rung.

[XX] Two digit code in the safe load limit tables indicates recommended rung option for specified width.

* Single rung load capacity: The data shown for 12" rung spacing is equivalent to the load capacity of the single rung.

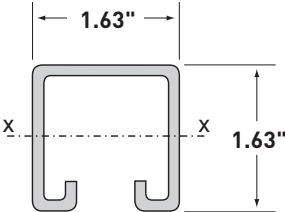
† Slotted rungs are installed alternating slot up and slot down.

METALLIC RUNG SPECIFICATIONS

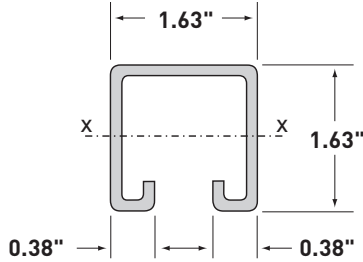
STANDARD RUNGS

M G

This rung is available for steel ladder tray systems for extremely heavy load applications. This profile will accept strut fasteners and accessories. RS rungs are installed alternating slot up and slot down.

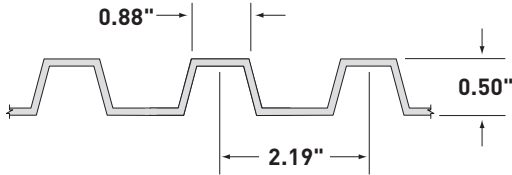
RUNG TYPE		MECHANICAL PROPERTIES	
RS	SLOTTED†	THICKNESS = 0.120" MOMENT OF INERTIA: $I_x = 0.1848 \text{ IN}^4$ SECTION MODULUS: $S_x = 0.2040 \text{ IN}^3$	
			

RUNG SPACING	LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)									
		TRAY WIDTH (IN.)									
		6	9	12	18	24	30	36	42	48	
6	1	9999	9991	7494	4996	3747	2997	2498	2141	1873	
	2	9999	9991	7494	4996	3747	2997	2498	2141	1873	
9	1	9991	6661	4996	3330	2498	1998	1665	1427	1249	
	2	9991	6661	4996	3330	2498	1998	1665	1427	1249	
12*	1	7494	4996	3747	2498	1873	1499	1249	1071	937	
	2	7494	4996	3747	2498	1873	1499	1249	1071	937	
18	1	4996	3330	2498	1665	1249	999	833	714	624	
	2	4996	3330	2498	1665	1249	999	833	714	624	



This is the standard corrugated bottom used for all steel, solid-bottom tray systems up to and including NEMA Class 20C. Corrugated bottoms are not available in widths greater than 36". Please contact Legrand when considering solid bottom trays for extreme load applications.

RUNG TYPE		MECHANICAL PROPERTIES	
CS	SOLID OR VENTILATED	MINIMUM THICKNESS = 0.032"	

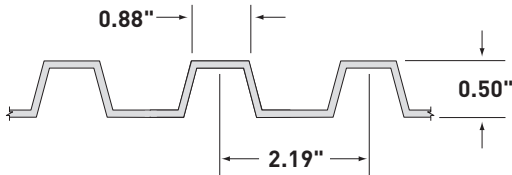


0.88"

2.19"

0.50"

LOAD TYPE	SAFE LOAD LIMITS (LBS/FT)						
	TRAY WIDTH (IN.)						
	6	9	12	18	24	30	36
1	2007	1338	1003	669	502	401	334
2	2007	1338	1003	599	350	200	100



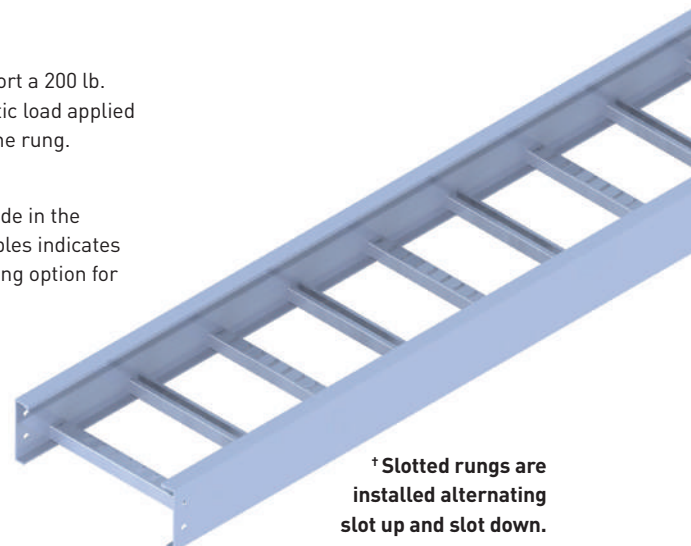
1 SAFE LOAD/CABLE LOAD ONLY: Allowable uniformly-distributed cable load expressed in lbs/linear foot of tray length, based on the load carrying capability of the rung with a safety factor of 1.5. To convert Safe Load/Cable Load Only to reflect a safety factor of 2.0, multiply the safe loads shown by 0.75.

2 SAFE LOAD / CABLE LOAD +200 LBS: Allowable uniformly-distributed cable load expressed in lbs/linear foot of tray length, based on the load carrying capability of the rung with a 200 lb. concentrated static load applied at the center of the rung, without collapse.

3 Will not support a 200 lb. concentrated static load applied at the center of the rung.

[XX] Two digit code in the safe load limit tables indicates recommended rung option for specified width.

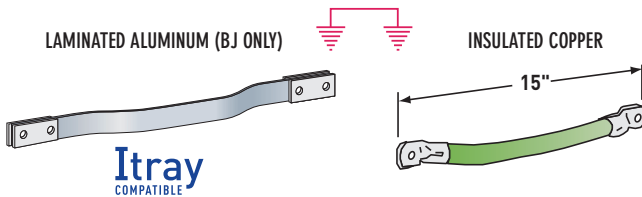
* Single rung load capacity: The data shown for 12" rung spacing is equivalent to the load capacity of the single rung.



† Slotted rungs are installed alternating slot up and slot down.

BONDING JUMPERS

Use across all discontinuities, expansion joints, and adjustable connectors to maintain electrical continuity in the cable tray system. Also use to bond the cable tray system to the building ground. Bonding jumpers are not required at standard or rigid splice locations. Fasteners for laminated bonding jumpers are included; fasteners for insulated jumpers must be ordered separately.



Laminated Aluminum: (4) $\frac{3}{8}$ " x $\frac{1}{4}$ " bolts per bonding jumper (included).

Insulated Copper: Made with flame-retardant, moisture- and heat-resistant, insulated copper cable. Tin plated copper lugs have one hole, sized for $\frac{3}{8}$ " x $\frac{3}{4}$ " bolt. Length is 15" to the center of the lug holes.

LAMINATED ALUMINUM A		
PRODUCT NUMBER	L	RATED AMPS (N.E.C. 250-122)
BJ	21 $\frac{1}{4}$ "	2000
CATALOG NUMBERING EXAMPLE (EA.):		
Material		Fasteners
A BJ - 2000 - GE		
INSULATED COPPER C		
PRODUCT NUMBER	COPPER CABLE SIZE	RATED AMPS (N.E.C. 250-122)
A806	#6	200
A807	#4	300
A804	#2	500
A803	#1	600
A808	1/0	800
A809	2/0	1000
A805	3/0	1200
A810	4/0	1600
A814*	4/0	1600
CATALOG NUMBERING EXAMPLE (EA.):		
Material		
C - A806		

*Length is 30" to the center of the lug holes. A814 is the only insulated copper bonding jumper that is compatible with Itray, as the other sizes are 15" long.

SPLICE FASTENERS



Knurled Bolt: Specially designed for cable tray connectors, the ribbed neck firmly grips the tray side rail to prevent screw rotation while tightening. Bolt can also be tightened with a Phillips screwdriver.



Flanged Hex Nut: "Free spinning" lock-type nut with a serrated face, eliminating the need for a washer. Nuts require a $\frac{9}{16}$ " wrench. Tighten to approximately 17-23 ft-lbs of torque.



Locking Hex Nut: For use with expansion connectors. Tighten the lock nuts on the screws in the slotted holes fully, then back off 1/2 turn, allowing the bolt to move freely in the slot. Typically identified by a rectangular indentation on the side of the nut.



Flat Washer: For use with expansion connectors. Install under the locking hex nut in the expansion slots. Prevents binding in the expansion slot during movement of the tray due to thermal expansion.



Pan Head Bolt: For use with Itray expansion connectors only.

DESCRIPTION	SIZE	COMPLETE CATALOG NUMBER	
KNURLED BOLT	$\frac{3}{8}$ "-16 x $\frac{3}{4}$ "	DS-8926-01-GE	GE
		DS-8926-01-S6	S6
FLANGED HEX NUT	$\frac{3}{8}$ " DIA.	DS-8927-01-GE	GE
		DS-8927-01-S6	S6
LOCKING HEX NUT	$\frac{3}{8}$ " DIA.	DS-8576-01-GE	GE
		DS-8576-01-S6	S6
FLAT WASHER	$\frac{3}{8}$ " DIA.	DS-8600-01-GE	GE
		DS-8600-01-S6	S6
PAN HEAD BOLT	$\frac{3}{8}$ "-16 x $\frac{3}{4}$ "	DS-9008-01-S6	S6

Itray
COMPATIBLE

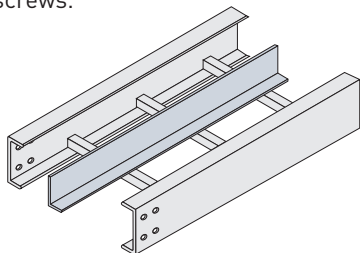
RAIL HEIGHTS (H) INCHES

4 | 5 | 6 | 7

STRAIGHT HORIZONTAL DIVIDER

A M T G*

For use with all straight tray. Furnished with four #10 self-drilling screws.

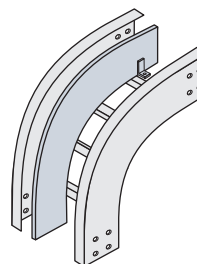

Itray
COMPATIBLE

PRODUCT NUMBER	L	FASTENER OPTIONS
0012-99	12'	S6
CATALOG NUMBERING EXAMPLE:		
Accessory System No.		Fasteners
4 A -		0012-99 - S6

VERTICAL FITTING DIVIDER

M T G*

Furnished with two #10 self-drilling screws.

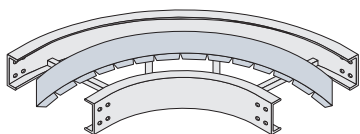


PRODUCT NUMBER	R	DIVIDER TYPE
9112-99	12	90° INSIDE ELBOW
9124-99	24	
9136-99	36	
9212-99	12	90° OUTSIDE ELBOW
9224-99	24	
9236-99	36	
6112-99	12	60° INSIDE ELBOW
6124-99	24	
6136-99	36	
6212-99	12	60° OUTSIDE ELBOW
6224-99	24	
6236-99	36	
4612-99	12	45° INSIDE ELBOW
4624-99	24	
4636-99	36	
4712-99	12	45° OUTSIDE ELBOW
4724-99	24	
4736-99	36	
3112-99	12	30° INSIDE ELBOW
3124-99	24	
3136-99	36	
3212-99	12	30° OUTSIDE ELBOW
3224-99	24	
3236-99	36	
FASTENER OPTIONS		S6
CATALOG NUMBERING EXAMPLE:		
Accessory System No.		Fasteners
4 M -		9212-99 - S6

FLEXIBLE HORIZONTAL DIVIDER

A M T G*

For use with all horizontal fittings of any radius. Furnished with three #10 self-drilling screws.

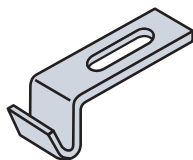

Itray
COMPATIBLE

PRODUCT NUMBER	L	FASTENER OPTIONS
0606-99	6'	S6
CATALOG NUMBERING EXAMPLE:		
Accessory System No.		Fasteners
4 T -		0606-99 - S6

DIVIDER HOLD DOWN CLIP

M T G*

Purchased separately. Supplied with carriage bolt and flanged hex nut. Designed for use with ladders with box-shaped rungs (Types BX & BH—see pages B.56-B.57).

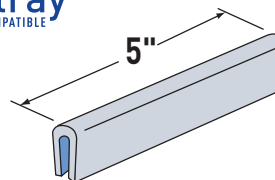


PRODUCT NUMBER	FASTENER OPTIONS
1852	ZN S6
CATALOG NUMBERING EXAMPLE:	
Material	Fasteners
M - 1852	- ZN

5" VINYL DIVIDER SPLICE

V

Splices joints of abutting divider strips. Vinyl edge strip is also available in bulk lengths.

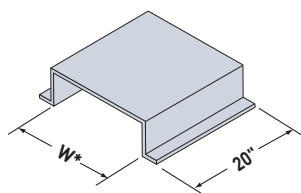
Itray
COMPATIBLE


PRODUCT NUMBER
0930
CATALOG NUMBERING EXAMPLE:
Material
V - 0930

CABLE BRIDGE FOR DIVIDED TEE

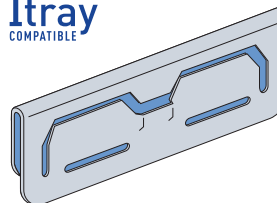
A M T G*

Allows cables to cross over divided tee and cross fittings, maintaining the physical separation of cables. Attaches to tray with self-drilling and self-tapping Tek screws. The height of the bridge matches the load depth of the specified tray system. Specify the tray system side rail height in the cable bridge part number.


Itray
COMPATIBLE

PRODUCT NUMBER	W	FASTENER OPTIONS
0460	6	S6
0461	9	S6
0462	12	S6
0463	18	S6
CATALOG NUMBERING EXAMPLE:		
Material	Fasteners	
4 M - 0460	-	S6

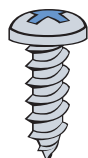
DIVIDER SPLICE

Itray
COMPATIBLE


Sold in bags of 25.

COMPLETE CAT. NO.	
M	COTJ-PG
T	COTJ-316

SELF-DRILLING SCREW


Itray
COMPATIBLE

Provided with all dividers, but extras can be ordered separately.

COMPLETE CATALOG NO.		SIZE
DS-8930-01-ZN	ZN	#10 X 3/4"
DS-8930-01-S6	S6	#10 X 3/4"

PLASTIC SAFETY SIGN

WARNING

DO NOT USE CABLE TRAY AS
WALKWAY, LADDER OR SUPPORT
USE ONLY AS A MECHANICAL
SUPPORT FOR CABLES AND TUBING

Sign measures 8"x12".

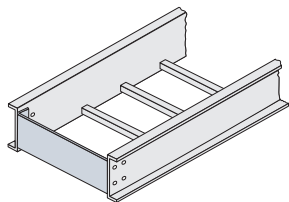
COMPLETE CATALOG NUMBER
P-0949-01

Itray
COMPATIBLE

BLIND END PLATE

M T G*

Seals off the open end of a cable tray. Attaches to the tray using standard 3/8" dia. connector fasteners.

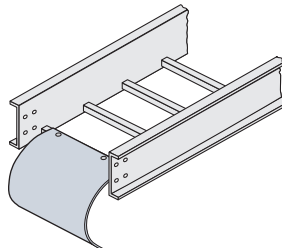


PRODUCT NUMBER	FASTENER OPTIONS
0402	GE S6
CATALOG NUMBERING EXAMPLE:	
Height/Material	Width Fasteners
4 T - 0402 - 12 - GE	

CABLE DROPOUT

M T G*

Provides a smooth, rounded surface for cables dropping out of the bottom of the cable tray.



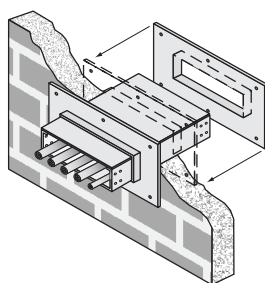
PRODUCT NUMBER	R
0253	3/4
0254	5
FASTENER OPTIONS	ZN S6
CATALOG NUMBERING EXAMPLE:	
Material -Flange	Width Fasteners
MI - 0253 - 06 - S6	

TRAY WIDTH (NOMINAL)	6	9	12	18	24	30	36	
DROPOUT WIDTH (FLG IN)	2 1/4	5 1/4	8 1/4	14 1/4	20 1/4	26 1/4	32 1/4	IN
DROPOUT WIDTH (FLG OUT)	5 1/4	8 1/4	11 1/4	17 3/4	23 3/4	29 3/4	35 3/4	

WALL PENETRATION SLEEVE

M G T

Provides a rigid support for cable tray at wall penetrations. Overall length of the sleeve is 20". Will fit walls up to 8" thick. Bonding jumpers are not required for use with wall sleeves. Two pairs of splice plates and fasteners are included for tray attachment.



SERIES1 (S1)
SERIES2 (S2)

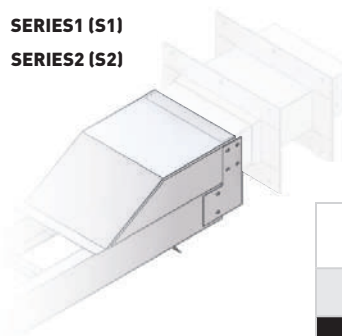
PRODUCT NUMBER	FASTENER OPTIONS
0424	GE S6
CATALOG NUMBERING EXAMPLE:	
Connector System No	Width Fasteners
4 T 2 - 0424 - 12 - S6	

OUTDOOR CONVERSION KIT FOR WALL PENETRATION

G T

Makes ladder tray wall penetrations weather resistant to minimize water intrusions. Removable cover/shield fastens to tray and wall penetration sleeve for weather protection.

- Fits Standard Hot-Dip Galvanized or Stainless "0424" or "0440" wall penetrations (see page B.62, B.68.)
- Sized to fit flange-in or flange-out trays



SERIES1 (S1)
SERIES2 (S2)

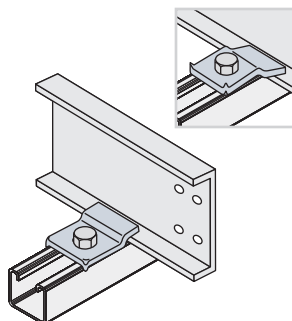
PRODUCT NUMBER	FASTENER OPTIONS
0434	GE S6
CATALOG NUMBERING EXAMPLE:	
Connector System No	Width Fasteners
4 G 2 - 0434 - 06 - GE	

The wall penetration sleeve and outdoor conversion kit are designed to fit Series 1 and 2 systems. When ordering, however, they should be specified as Series 2.

HOLD DOWN/EXPANSION CLAMP

A Z T

Works as an expansion guide and flips over for use as a hold down clamp for use with all ladder trays. Sold in packs of 10.


Itray
COMPATIBLE

PRODUCT NUMBER	FASTENER OPTIONS
1893-01*	ZN S6
1893-02	NONE
1893-03†	ZN S6
CATALOG NUMBERING EXAMPLE:	
Material	Fasteners
A - 1893-03	- ZN
A - 1893-02	

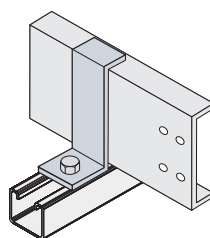
* Includes 3/8" x 1 1/2" hex bolt, 3/8" flanged nut.

† Includes 3/8" x 1 1/2" hex bolt, 3/8" spring nut.

Z-HOLD DOWN

M T G*

Wraps around the tray side rail for use with all solid bottom trays. Can also be used with any flange-in tray system. Sold individually.



PRODUCT NUMBER	FASTENER OPTIONS
1866-01*	ZN S6
1866-02	NONE
1866-03†	ZN S6
CATALOG NUMBERING EXAMPLE:	
Accessory System No.	Fasteners
4 M - 1866-01	- ZN

* Includes 1/4" x 3/4" carriage bolt, 1/4" flanged nut.

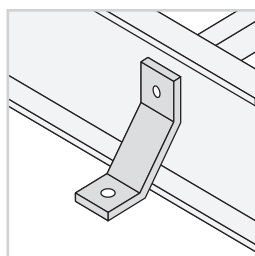
† Includes 1/4" x 1 1/2" screw, 1/4" spring nut.

HEAVY-DUTY HOLD DOWN BRACKETS

A G T

Designed for use with all trays. 3/8" diameter hardware for tray attachment only is included. Holes for structure attachment are sized for 1/2" diameter fasteners. Double bracket is ideal for vertical tray support. Sold in pairs.

SINGLE - A833



DOUBLE - A845



PRODUCT NUMBER	FASTENER OPTIONS
A833	GE S6
A845	GE S6
CATALOG NUMBERING EXAMPLE:	
Material	Fasteners
T - A845	- S6

Itray
COMPATIBLE

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

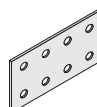
RAIL HEIGHTS (H) INCHES

4 | 5 | 6 | 7

SPLICES Match above to determine the connectors you need.


SERIES1 (S1)

Fitting side rails have 2" tangents (flat portion beyond curvature) at the end of each fitting, to accommodate splice plates with four holes.

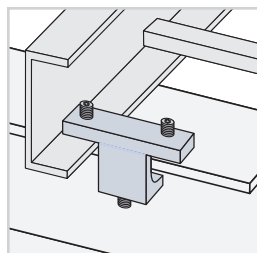

SERIES2 (S2)

Fitting side rails have 5" tangents at the end of each fitting, to accommodate splice plates with eight holes.

I-BEAM HOLD DOWN CLAMP/ EXPANSION GUIDE

Z T

Hold Down Clamp firmly attaches the cable tray to the flange of an I-beam type support by using all three provided screws. Expansion Guide attaches the clamp to the flange of an I-beam type support, allowing movement of the tray side rail due to thermal contraction and expansion by using only the 1-1/2" long screw on the bottom of the clamp.



PRODUCT NUMBER	FASTENER OPTIONS
A802-01*	GE S6
CATALOG NUMBERING EXAMPLE:	
Accessory System No. Fasteners	
Z - A802-01 - GE	

*Includes (2) 1/2" x 5/8" screws and (1) 1/2" x 1 1/2" screw.

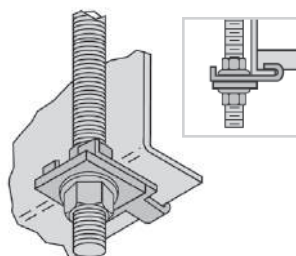
Itray
COMPATIBLE

- Heavy duty cast iron construction

SINGLE OVERHEAD HANGER CLAMP

M

Attaches to the tray bottom flange and supports the cable tray directly from a threaded rod without the need for an additional support member. Threaded rod purchased separately.

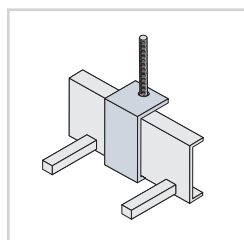


SERIES1 (S1)

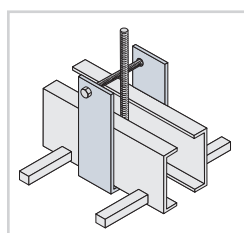
PRODUCT NUMBER	ROD DIA.	FASTENERS INCLUDED
1899-01	1/2"	ZN S6
1899-02	3/8"	
CATALOG NUMBERING EXAMPLE:		
Material		Fasteners
M - 1899-01		- S6

HANGER BRACKETS

M T G*



SINGLE: Supports a single tray side rail from a 1/2" threaded rod. For use with all flange-out ladder tray systems. Safe load = 300 lbs. per bracket.



DOUBLE: Supports two tray side rails that are installed side-by-side from a single 1/2" threaded rod. For use with all flange-out ladder tray systems. Safe load = 300 lbs. per bracket.

PRODUCT NUMBER		FASTENER OPTIONS
SINGLE	A836	NONE
DOUBLE	A837*	ZN S6

CATALOG NUMBERING EXAMPLE:

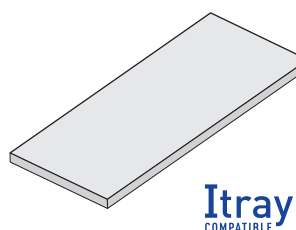
Accessory System No.	Fasteners
4 M 2 - A837	- Z N
4 M 2 - A836	

*Includes 1/4" x 5" hex head bolt and 1/4" flanged nut.

NYLON ISOLATION PAD

N

Made of extruded black nylon. Can be installed between the cable tray and support member to provide electrical isolation of the tray system. Can also be used to facilitate cable tray movement caused by thermal contraction and expansion. No fasteners required.



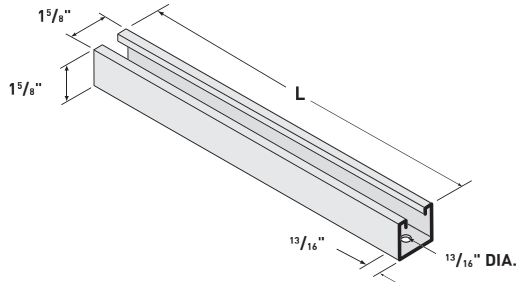
Itray
COMPATIBLE

PRODUCT NUMBER	DIMENSIONS
8945	1/8" X 3" X 6"
CATALOG NUMBERING EXAMPLE:	
Material	
N - 8945	

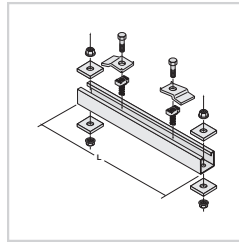
SINGLE HANGER CHANNEL

A M G T

Made from 12-gage strut. Hangers have $\frac{9}{16}$ " diameter holes $\frac{13}{16}$ " from each end to accept $\frac{1}{2}$ " threaded rod. Kit includes fasteners. When used with Z-type hold-down clamps, select hanger with flange out dimensions.



SINGLE HANGER CHANNEL KIT*



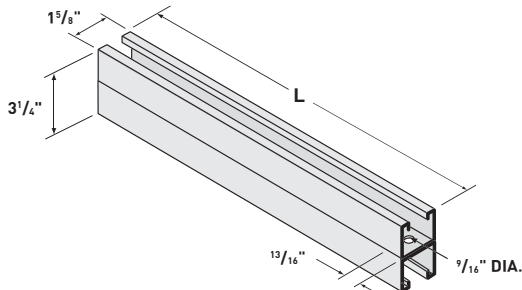
Hardware available separately as a kit - part number THDWEKIT-ZN or THDWEKIT-S6

TRAY WIDTH	PRODUCT NUMBER		FLANGE IN	FLANGE OUT Itray COMPATIBLE
	HANGER	KIT	L (W+4)	L (W+10)
6	0373	0393	10	16
9			13	19
12			16	22
18			22	28
24			28	34
30			34	40
36			40	46
FASTENERS INCLUDED WITH KIT ONLY*				ZN S6
CATALOG NUMBERING EXAMPLE:				
Material Length Fasteners				
M - 0393-10 - S6 *				

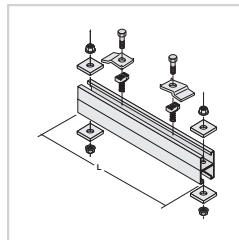
DOUBLE HANGER CHANNEL

A M G T

Made from 12-gage struts welded back-to-back. Hangers have $\frac{9}{16}$ " dia. holes $\frac{13}{16}$ " from each end to accept $\frac{1}{2}$ " threaded rod. When used with Z-type hold-down clamps, select hanger with flange out dimensions.



DOUBLE HANGER CHANNEL KIT*



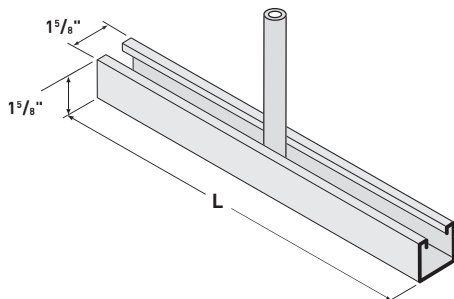
Hardware available separately as a kit - part number THDWEKIT-ZN or THDWEKIT-S6

TRAY WIDTH	PRODUCT NUMBER		FLANGE IN	FLANGE OUT Itray COMPATIBLE
	HANGER	KIT	L (W+4)	L (W+10)
6	0371	0394	10	16
9			13	19
12			16	22
18			22	28
24			28	34
30			34	40
36			40	46
FASTENERS INCLUDED WITH KIT ONLY*				ZN S6
CATALOG NUMBERING EXAMPLE:				
Material Length Fasteners				
M - 0394-16 - S6 *				

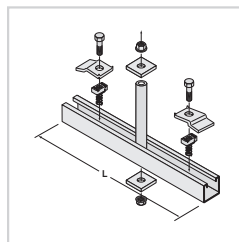
CENTER HANGER CHANNEL

M G T

Mounts with one $\frac{1}{2}$ " threaded rod to allow cable installation from both sides. Cable should be loaded evenly on both sides of the center support to remain level. 12-gage strut accepts channel nuts for hold down clamps with no drilling required. Not recommended for trays over 24" wide. When used with Z-type hold-down clamps, select hanger with flange out dimensions.



CENTER HANGER CHANNEL KIT*



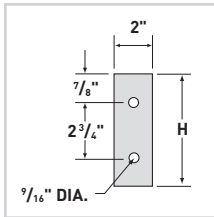
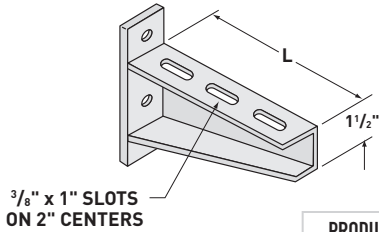
TRAY WIDTH	PRODUCT NUMBER		FLANGE IN	FLANGE OUT Itray COMPATIBLE
	HANGER	KIT	L (W+2)	L (W+6)
6	0369	0395	8	12
9			11	15
12			14	18
18			20	24
24			26	30
FASTENERS INCLUDED WITH KIT ONLY*				ZN S6
CATALOG NUMBERING EXAMPLE:				
Material Length Fasteners				
M - 0395-10 - S6 *				

*Kits include hardware for ladder trays. Contact Legrand for other design options.

WALL BRACKET

G T

Recommended for use with flange-in cable trays.

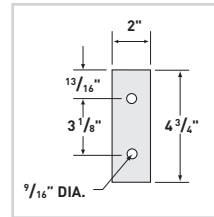
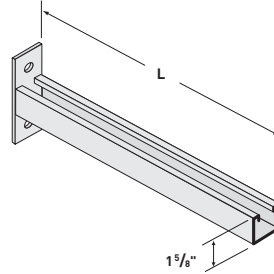


PRODUCT NUMBER	L	H	DESIGN LOAD - UNIFORM (LBS.)
0353	7	6	900
	10	6	
	13	6	
	19	7½	
	25	7½	
CATALOG NUMBERING EXAMPLE:			
Material		Length	
G - 0353 - 13			

SINGLE STRUT BRACKET

G T

Made with 1 5/8" x 1 5/8" x 12 gage steel struts.



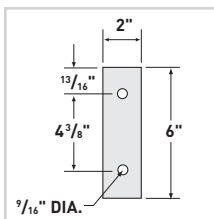
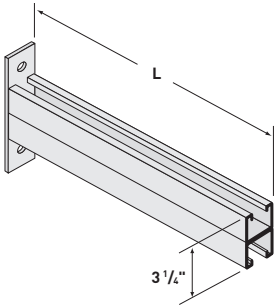
PRODUCT NUMBER	L	DESIGN LOAD - UNIFORM (LBS.)
0215	7	1000
	10	720
	13	550
	16	450
	19	380
	22	320
	25	290
CATALOG NUMBERING EXAMPLE:		
Material		Length
G - 0215 - 13		

Itray
COMPATIBLE

DOUBLE STRUT BRACKET

G T

Made with 1 5/8" x 1 5/8" x 12 gage steel struts.



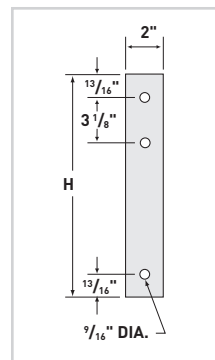
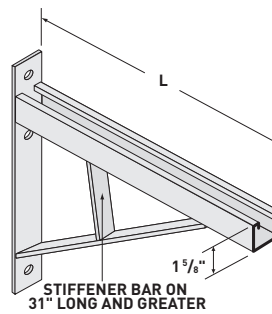
PRODUCT NUMBER	L	DESIGN LOAD - UNIFORM (LBS.)
0216	7	3000
	10	2400
	13	1850
	16	1500
	19	1250
	22	1100
	25	960
	31	770
	37	650
	43	560
CATALOG NUMBERING EXAMPLE:		
Material		Length
T - 0216 - 13		

Itray
COMPATIBLE

HEAVY-DUTY STRUT BRACKET

G T

Made with 1 5/8" x 1 5/8" x 12 gage steel struts.



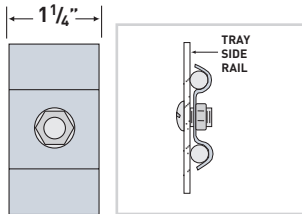
PRODUCT NUMBER	L	H	DESIGN LOAD - UNIFORM (LBS.)
0392	13	10	1600
	19	15	1200
	25	18	900
	31	22	750
	37	25	675
	43	29	580
	49	32	500
CATALOG NUMBERING EXAMPLE:			
Material		Length	
G - 0392 - 13			

Itray
COMPATIBLE

GROUND WIRE ATTACHMENT CLAMP

Z T

Holds one or two bare copper or aluminum ground wires against the cable tray side rail using included $\frac{3}{8}$ " diameter fasteners. This clamp does not bond the ground wire to the tray.

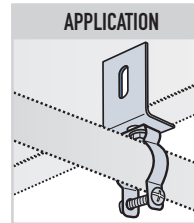
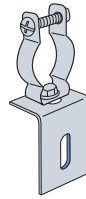

Itray
COMPATIBLE

PROD. NO.	CONDUCTOR SIZE
1873-02	#2, #1 AND 1/0
1873-03	#6 TO #4
1873-04	2/0, 3/0 AND 4/0
FASTENER OPTIONS	
GE S6	
CATALOG NUMBERING EXAMPLE:	
Material	Fasteners
Z - 1873-02	- S6

CONDUIT BRACKET CLAMP

Z T

Attaches conduit to the cable tray side rail.

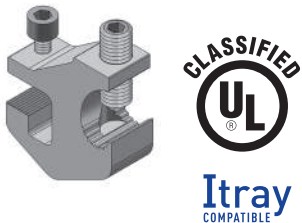

Itray
COMPATIBLE

PROD. NO.	CONDUIT DIA.	EMT DIA.
0228-05	$\frac{3}{8}$ " - $\frac{1}{2}$ "	$\frac{1}{2}$ "
0228-06	$\frac{3}{4}$ "	$\frac{3}{4}$ "
0228-10	1"	1"
0228-11	$1\frac{1}{4}$ "	$1\frac{1}{4}$ "
0228-12	$1\frac{1}{2}$ "	$1\frac{1}{2}$ "
0228-20	2"	2"
0228-25	$2\frac{1}{2}$ "	$2\frac{1}{2}$ "
0228-30	3"	3"
0228-35	3.5"	3.5"
0228-40	4"	4"
FASTENER OPTIONS		ZN S4
CATALOG NUMBERING EXAMPLE:		
Material	Fasteners	
T - 0228-05	- S4	

CABLE TRAY GROUNDING CLAMP

A

Provides an excellent ground for copper or aluminum ground wires to the cable tray. A $\frac{1}{4}$ " hex wrench is used to tighten both tray and conductor set screws. Clamps are tin-plated, extruded aluminum. Conductor Range: #6AWG to 250 MCM. Prior part number: 9992-A840-01.

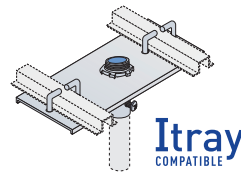


PRODUCT NUMBER	FASTENERS INCLUDED
A840-01	ZN
CATALOG NUMBERING EXAMPLE:	
Material	Fasteners
A - A840-01	- ZN

CONDUIT PLATE CLAMP

A M

Attaches conduit to the ladder tray rungs.



RUNG SPACING	COMPATIBLE
9" PLATE	6 IN
	9 IN
18" PLATE	12 IN
	18 IN

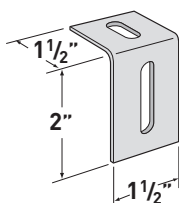
*Can also be used with medium-wall (IMC) and thick-wall (rigid) conduit.

PRODUCT NUMBER	EMT DIA.
0226-05	$\frac{1}{2}$ "
0226-06	$\frac{3}{4}$ "
0226-10	1"
0226-11	$1\frac{1}{4}$ "
0226-12	$1\frac{1}{2}$ "
0226-20	2"
0226-25*	$2\frac{1}{2}$ "
0226-30*	3"
0226-40*	4"
FASTENERS INCLUDED	
GE	
CATALOG NUMBERING EXAMPLE:	
Rung Spacing	Material
09 - M	- 0226-11 - GE

CLAMP BRACKET

M T

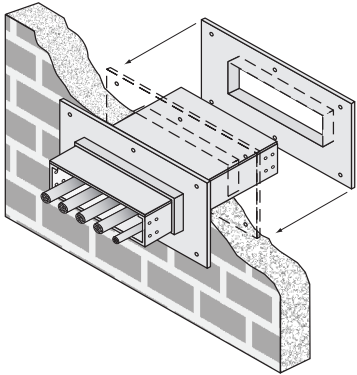
Permits attachment of clamps or other components to the cable tray side rail. Conduit clamps are purchased separately.



PRODUCT NUMBER	FASTENER OPTIONS
1818	ZN S6
CATALOG NUMBERING EXAMPLE:	
Material	Fasteners
T - 1818	- S6

FIRE WALL PENETRATION SLEEVE

M G T

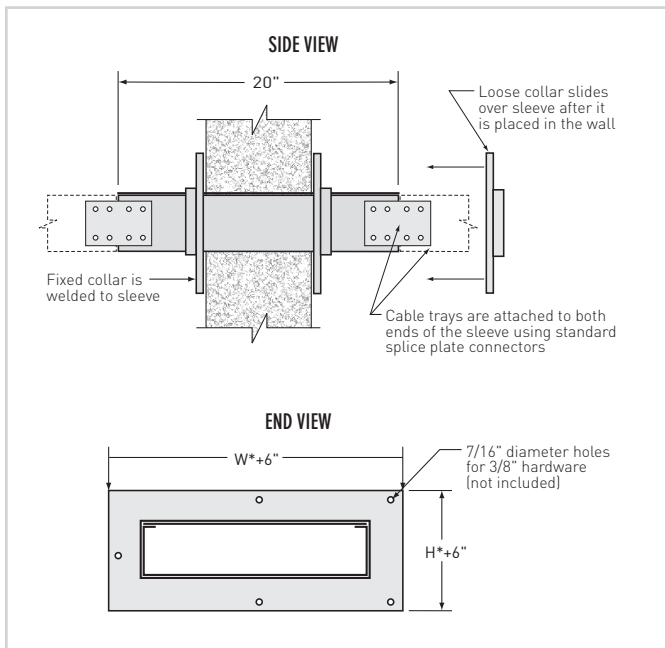


PRODUCT
NUMBER

0440

FASTENER
OPTIONS

GE S6



Fabricated cable tray fire stop sleeves from Legrand, combined with Hilti Firestop products, are an economical alternative to the high cost of fabricating protective fire wall and floor penetration sleeves in the field.

This firestop system provides a rigid support for cable tray in a UL classified system approved for fire wall and floor penetrations. After the sleeve is placed in the wall or floor, the loose collar slides over it. Hardware for the tray connection only is included. Hardware required to mount sleeves to the wall or floor is not included.

The Hilti Fire Block is a compressible fire stop brick, well-suited for installations where frequent cable changes may be required. Blocks are easily cut to fit any space, and can be removed and reinstalled when cable configurations change. When exposed to fire, the blocks expand to lock the seal in place.

Each cable tray firestop sleeve includes:

- One penetration sleeve with flanges
- Hilti Fire Blocks
- One Hilti Firestop Putty Stick
- Hardware for cable tray connection to the wall sleeve:

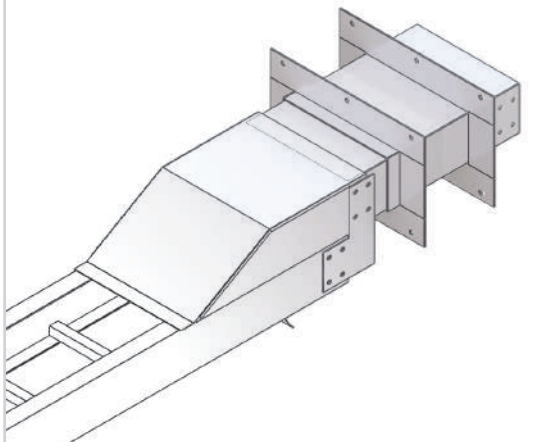
- Metallic and fiberglass cable trays with two side rails.
- The Firestop kit includes two pairs of splice plates with nuts & bolts; 316 stainless steel is recommended for use with fiberglass systems.

NUMBER OF HILTI FIRE BLOCKS INCLUDED WITH EACH SLEEVE

SLEEVE WIDTH	SIDE RAIL HEIGHT (IN.)			
	4	5	6	7
6	2	2	3	3
9	3	3	4	4
12	3	4	5	6
18	5	6	7	8
24	6	8	9	11
30	8	10	12	14
36	9	12	14	16

OUTDOOR CONVERSION FOR WALL PENETRATION (0434)

See page 62.



- Wall Penetration Sleeves (0424 or 0440) are purchased separately from the outdoor conversion kit (0434).

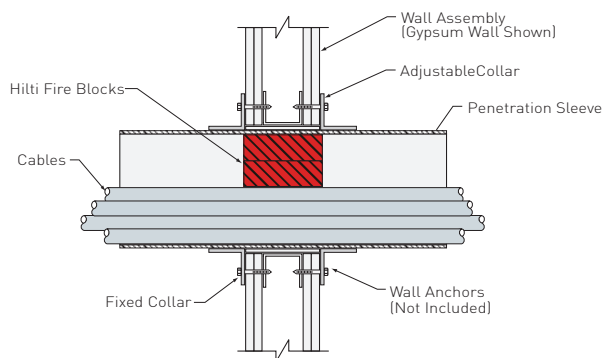


UL classified for use with:

- 2-hr concrete or block walls
- 2-hr concrete floors
- 1-hr gypsum walls
- 2-hr gypsum walls

Floor Firestop Sleeve Example

0440 product used as a floor sleeve per UL assembly W-L-3226 and C-AJ-3232



WALL/FLOOR SLEEVE DESCRIPTION

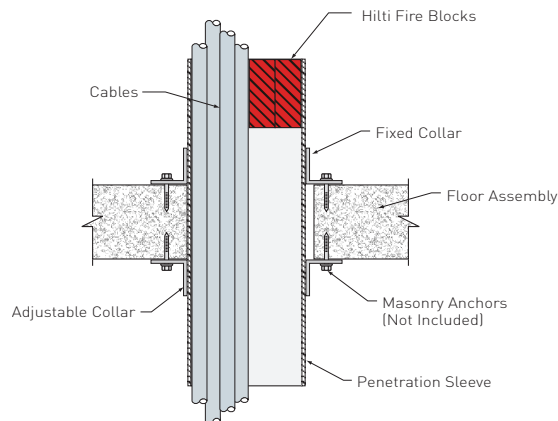
Designed for single runs of cable tray, having a height and width to match the tray system specified. One end of the 20 inch sleeve has a flange attached 6 inches from the end, while the flange for the other end is "floating" and is free to slide directly against the face of the wall as needed. The 20 inch length of the sleeve will accommodate a wall thickness of up to 8 inches. A wall thickness of 8 inches will result in the sleeve protruding 6 inches from each side of the wall. Both ends of the sleeve are punched with holes for attaching cable tray splice plates or hardware needed for the tray system specified.

INSTALLATION

The opening in the wall should be within 1 inch of the nominal height and width of the cable tray. The flanges of the sleeve have $\frac{7}{16}$ " diameter mounting holes for attachment to the wall using $\frac{3}{8}$ " diameter hardware. Hardware for wall attachment is not included. After the sleeve is mounted in the wall or floor, the cable trays on either side of the sleeve can be connected using the hardware supplied with the sleeve. When the trays are in place, the cables should be pulled through the wall and sleeve as needed. After all of the cables are installed in the tray, install the Fire Blocks as described. Any voids between cables should be filled with the Firestop Putty Stick.

Floor Firestop Sleeve Example

0440 product used as a floor sleeve per UL assembly F-A-3022



TECHNICAL DATA

ConstructionArc Welded

Sleeve

Dimensions20" x Tray Width x Tray Height

Flange

Dimensions(Tray Width + 6") x (Tray Height + 6")

UL ClassificationQualifies for use as an equipment grounding conductor per N.E.C. 392.7. Cross-sectional area and amperage ratings are based on the cable tray system attached to the sleeve.

HILTI FIRE BLOCKS INSTALLATION

Walls: Hilti Fire Blocks shall be installed with 5" dimension projecting through and centered within wall assembly.

Floors: Hilti Fire Blocks shall be installed with 5" dimension projecting through opening, flush with the top surface of sleeve or recessed within sleeve at any level above the top surface of floor.

Fire blocks fill the annular space between the cables and the sleeve. Fire Blocks may be cut to match the profile of cables or to fit opening. Any voids should be filled with 0618 Firestop Putty Stick.

WALL PENETRATION SLEEVE CATALOG NUMBERING EXAMPLE:

CONNECTOR SYSTEM NO.		PRODUCT NO.		FASTENER OPTIONS	
6 M 2 - 0 4 4 0 - 3 6 - G E					
SIDE RAIL HEIGHT	↓ MATERIAL M G T		↓ FITTING SERIES This item must be specified as SERIES2 (S2)	↓ WIDTH	GE
				06 - 6"	S6
				09 - 9"	
				12 - 12"	
				18 - 18"	
24 - 24"					
30 - 30"					
36 - 36"					

FIBERGLASS

F FIBERGLASS

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

RAIL HEIGHTS (H) INCHES

4 | 6

LENGTHS (L) FEET

10 | 20

RAIL HEIGHT (IN.)	LOAD DEPTH (IN.)	RAIL FLANGE (IN.)	NEMA CLASS	CSA CLASS	SERIES	TRAY SYSTEM NUMBER	
4	2 ⁷ / ₈	1 ¹ / ₄	12B	C	S1	7400	7D20
6	4 ⁷ / ₈	2	12C, 16A	D, 3M	S1	7615	7F20
	4 ³ / ₄	1 ⁵ / ₈	20C	E, 6M	S2	7625	7F24

MATERIAL:

Manufactured from polyester isophthalic resin conforming with ASTM E-84 Class 1. This material displays good corrosion resistance, including self extinguishing fire retardant properties that comply: UL94 VO, ASTM D-635, ASTM E-662, and FTMS 406-2023.

MECHANICAL PROPERTIES:

Tensile Strength:	20-30.6 kgf/mm ² 28.4-43.5 ksi
Compression Strength:	20-30.6 kgf/mm ² 28.4-43.5 ksi
Flexural Strength:	20-33.6 kfg/mm ² 28.4-43.5 ksi
Shear Strength:	6.1 kgf/mm ² 8.7 ksi
Density:	1.7-1.9 g/cm ³ 0.061-0.069lb/in ³

THERMAL PROPERTIES:

Thermal Conductivity:	0.2-0.3 kcal/(mh °C)
Oxygen Index:	42%
Operating Temperature:	-140 to +120° C -220 to 248° F

TEMPERATURE		Polyester resin % of strength
F°	C°	
75	25	100%
100	38	90%
125	50	78%
150	68	68%
175	79	60%
200	90	52%

WEATHER RESISTANCE:

Water Absorption:	24 h = 0.15% 4 days = 0.25%
Weight Increase:	After 500 h = 0.7%

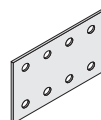
ELECTRICAL PROPERTIES:

Dielectric Strength:	7-15 kV/mm
Insulation Resistance:	10 ¹³ -10 ¹⁶ ohm

Pultruded profiles display excellent resistance to the effects of UV and weathering.

CONNECTORS & FITTINGS:

Necessary connectors are supplied with all trays. Extra connectors for field cuts or spares must be ordered separately. Supplied in pairs with 316 stainless steel hardware.


SPlicing


All fiberglass fittings have 5" tangents and splices with 8 predrilled holes. The vertical height of the splice is based upon the tray series.

	SUPPORT SPAN (FT.)															
	6		8		10		12		14		16		18		20	
	SAFE LOAD DATA (LBS./FT.) / DEFLECTION (IN.) / SAFETY FACTOR 1.5															
	196	0.38	164	0.85	138	1.61	80	2.08	56	2.57	41	3.04				
			174	0.53	159	0.88	128	1.24	105	1.59	82	1.95	50	2.45		
					278	1.25	246	2.03	215	2.79	183	3.56	152	4.31	120	5.09

RESISTANCE TO VARIOUS CHEMICAL AGENTS			
CHEMICAL AGENT	CONC.	TEMP C°	TEMP F°
Acetic Acid	5%	65	149
Aluminum Sulphate		95	203
Ammonium Nitrate	100%	95	203
Beer		20	68
Benzene		20	68
Calcium Chloride		95	203
Chlorine Gas/Water		20	68
Chromic Acid	5%	95	203
Copper Sulphate		95	203
Ethylene Chlorohydrin		65	149
Ethylene Glycol		95	203
Ferrous Sulphate		95	203
Fatty Acids	100%	95	203
Hydrochloric Acid	1%	95	203
Hydrochloric Acid	10%	65	149
Hydrochloric Acid	37%	25	77
Kerosene		95	203
Magnesium Chloride		95	203
Napthalene		95	203

RESISTANCE TO VARIOUS CHEMICAL AGENTS			
CHEMICAL AGENT	CONC.	TEMP C°	TEMP F°
Nitric Acid	30%	20	68
Phosphoric Acid	10%	95	203
Phosphoric Acid	85%	65	149
Salt Water		65	149
Sodium Bicarbonate		65	149
Sodium Bisulphate		25	77
Sodium Carbonate		25	77
Sodium Chloride		95	203
Sodium Hypochlorite	5%	65	149
Sodium Nitrate	100%	95	203
Sodium Silicate		25	77
Sodium Sulphate		95	203
Sulphuric Acid	1%	95	203
Sulphuric Acid	5%	65	149
Sulphuric Acid	10%	76	169
Sulphuric Acid	30%	25	77
Trisodium Phosphate		25	77
Water Sea/lap	100%	50	122
Zinc Sulphate		65	149

FIBERGLASS STRAIGHT SECTION CATALOG NUMBERING EXAMPLE:

BOTTOM TYPE ← 06 - 7615 - 0010 - 36

06 - 6" Rung Spacing
09 - 9" Rung Spacing
12 - 12" Rung Spacing
SB - Solid Bottom

TRAY SYSTEM
NUMBER

This identifies the
specific tray design
and is used as a
product number prefix
for straight sections.

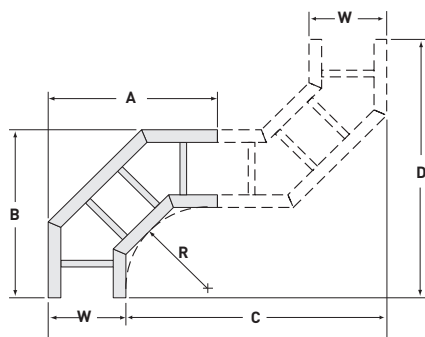
LENGTH

0010 - 10'-0"
0020 - 20'-0"

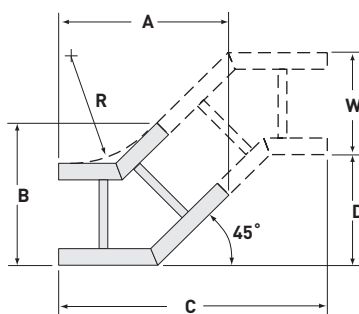
WIDTH

06 - 6"
09 - 9"
12 - 12"
18 - 18"
24 - 24"
30 - 30"
36 - 36"

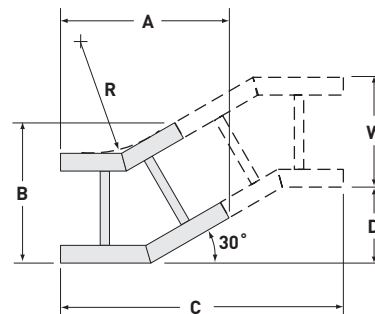
HORIZONTAL 90° ELBOW



HORIZONTAL 45° ELBOW



HORIZONTAL 30° ELBOW



PRODUCT NUMBER RADIUS (IN.)	W	A	B	C	D
9012 12	6	20	20	34	34
	9	23	23	37	37
	12	26	26	40	40
	18	32	32	46	46
	24	38	38	52	52
	30	44	44	58	58
	36	50	50	64	64
9024 24	6	32	32	58	58
	9	35	35	61	61
	12	38	38	64	64
	18	44	44	70	70
	24	50	50	76	76
	30	56	56	82	82
	36	62	62	88	88

PRODUCT NUMBER RADIUS (IN.)	W	A	B	C	D
4512 12	6	16 ¹ / ₈	11	27 ⁷ / ₈	11 ¹ / ₂
	9	18 ¹ / ₄	14	30	12 ¹ / ₂
	12	20 ³ / ₈	17	32 ¹ / ₈	13 ³ / ₈
	18	24 ⁵ / ₈	23	36 ³ / ₈	15 ¹ / ₈
	24	28 ³ / ₄	29	40 ³ / ₄	16 ⁷ / ₈
	30	33 ¹ / ₈	35	44 ⁷ / ₈	18 ⁵ / ₈
	36	37 ³ / ₈	41	49 ¹ / ₈	20 ³ / ₈
4524 24	6	24 ⁵ / ₈	14 ¹ / ₂	44 ⁷ / ₈	18 ⁵ / ₈
	9	26 ³ / ₄	17 ¹ / ₂	47	19 ¹ / ₂
	12	28 ⁷ / ₈	20 ¹ / ₂	49 ¹ / ₈	20 ³ / ₈
	18	33 ¹ / ₈	24 ¹ / ₂	53 ³ / ₈	22 ¹ / ₈
	24	37 ³ / ₈	32 ¹ / ₂	57 ⁵ / ₈	23 ⁷ / ₈
	30	41 ⁵ / ₈	38 ¹ / ₂	61 ⁷ / ₈	25 ⁵ / ₈
	36	45 ⁷ / ₈	44 ¹ / ₂	66 ¹ / ₈	27 ³ / ₈

PRODUCT NUMBER RADIUS (IN.)	W	A	B	C	D
3012 12	6	12 ³ / ₄	8 ³ / ₄	22 ³ / ₈	6
	9	14 ¹ / ₄	11 ³ / ₄	23 ⁷ / ₈	6 ³ / ₈
	12	15 ⁵ / ₈	14 ³ / ₄	25 ³ / ₈	6 ³ / ₄
	18	18 ³ / ₄	20 ³ / ₄	28 ³ / ₈	7 ⁵ / ₈
	24	21 ¹ / ₄	26 ³ / ₄	31 ³ / ₈	8 ³ / ₈
	30	24 ³ / ₄	32 ³ / ₄	34 ³ / ₈	9 ¹ / ₄
	36	27 ³ / ₄	38 ³ / ₄	37 ³ / ₈	10
3024 24	6	18 ³ / ₄	10 ³ / ₈	34 ³ / ₈	9 ¹ / ₄
	9	20 ¹ / ₄	13 ³ / ₈	35 ⁷ / ₈	9 ⁵ / ₈
	12	21 ³ / ₄	16 ³ / ₈	37 ³ / ₈	10
	18	24 ³ / ₄	22 ³ / ₈	40 ³ / ₈	10 ³ / ₄
	24	27 ³ / ₄	28 ³ / ₈	43 ³ / ₈	11 ⁵ / ₈
	30	30 ³ / ₄	34 ³ / ₈	46 ³ / ₈	12 ³ / ₄
	36	33 ³ / ₄	40 ³ / ₈	49 ³ / ₈	13 ¹ / ₄

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

RAIL HEIGHTS (H) INCHES

4 | 6

FIBERGLASS HORIZONTAL ELBOW CATALOG NUMBERING EXAMPLE:

PRODUCT NO.

BOTTOM TYPE ← **LD - 7615 - 4512 - 36** → WIDTH

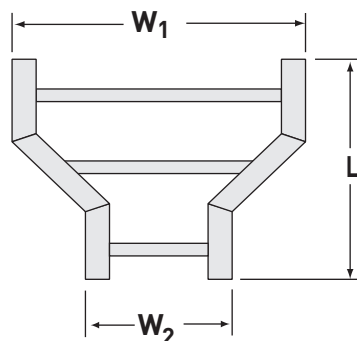
LD - Ladder
SB - Solid Bottom

TRAY SYSTEM
NUMBER

This identifies the specific tray design and is used as a product number prefix for straight sections.

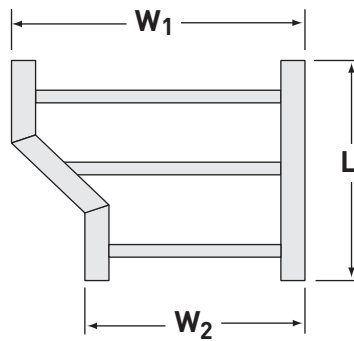
06 - 6"
09 - 9"
12 - 12"
18 - 18"
24 - 24"
30 - 30"
36 - 36"

HORIZONTAL STRAIGHT REDUCER



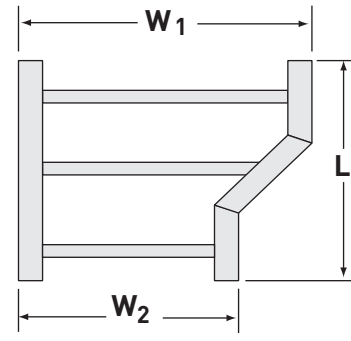
MAIN WIDTH W1	BRANCH WIDTH W2	PRODUCT NUMBER	L
9	6	0109	18 ¹ / ₄
12	6	0112	17 ⁵ / ₈
12	9	0112	18 ¹ / ₄
18	6	0118	20 ⁵ / ₈
18	9	0118	19 ¹ / ₈
18	12	0118	17 ⁵ / ₈
24	6	0124	23 ⁵ / ₈
24	9	0124	22 ¹ / ₈
24	12	0124	20 ⁵ / ₈
24	18	0124	17 ⁵ / ₈
30	6	0130	26 ⁵ / ₈
30	9	0130	25 ¹ / ₈
30	12	0130	23 ⁵ / ₈
30	18	0130	20 ⁵ / ₈
30	24	0130	17 ⁵ / ₈
36	6	0136	29 ⁵ / ₈
36	9	0136	28 ¹ / ₈
36	12	0136	26 ⁵ / ₈
36	18	0136	23 ⁵ / ₈
36	24	0136	20 ⁵ / ₈
36	30	0136	17 ⁵ / ₈

HORIZONTAL LEFT HAND REDUCER



MAIN WIDTH W1	BRANCH WIDTH W2	PRODUCT NUMBER	L
9	6	0709	17 ⁵ / ₈
12	6	0712	20 ⁵ / ₈
12	9	0712	17 ⁵ / ₈
18	6	0718	26 ⁵ / ₈
18	9	0718	23 ⁵ / ₈
18	12	0718	20 ⁵ / ₈
24	6	0724	32 ⁵ / ₈
24	9	0724	29 ⁵ / ₈
24	12	0724	26 ⁵ / ₈
24	18	0724	20 ⁵ / ₈
30	6	0730	38 ⁵ / ₈
30	9	0730	35 ⁵ / ₈
30	12	0730	32 ⁵ / ₈
30	18	0730	26 ⁵ / ₈
30	24	0730	20 ⁵ / ₈
36	6	0736	44 ⁵ / ₈
36	9	0736	41 ⁵ / ₈
36	12	0736	38 ⁵ / ₈
36	18	0736	32 ⁵ / ₈
36	24	0736	26 ⁵ / ₈
36	30	0736	20 ⁵ / ₈

HORIZONTAL RIGHT HAND REDUCER



MAIN WIDTH W1	BRANCH WIDTH W2	PRODUCT NUMBER	L
9	6	0809	17 ⁵ / ₈
12	6	0812	20 ⁵ / ₈
12	9	0812	17 ⁵ / ₈
18	6	0818	26 ⁵ / ₈
18	9	0818	23 ⁵ / ₈
18	12	0818	20 ⁵ / ₈
24	6	0824	32 ⁵ / ₈
24	9	0824	29 ⁵ / ₈
24	12	0824	26 ⁵ / ₈
24	18	0824	20 ⁵ / ₈
30	6	0830	38 ⁵ / ₈
30	9	0830	35 ⁵ / ₈
30	12	0830	32 ⁵ / ₈
30	18	0830	26 ⁵ / ₈
30	24	0830	20 ⁵ / ₈
36	6	0836	44 ⁵ / ₈
36	9	0836	41 ⁵ / ₈
36	12	0836	38 ⁵ / ₈
36	18	0836	32 ⁵ / ₈
36	24	0836	26 ⁵ / ₈
36	30	0836	20 ⁵ / ₈

FIBERGLASS HORIZONTAL REDUCER CATALOG NUMBERING EXAMPLE:

BOTTOM TYPE
LD – Ladder
SB – Solid Bottom

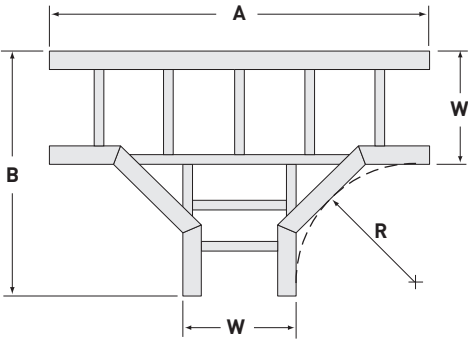
PRODUCT NO.
SB - 7 F 2 0 - 0 1 1 8 - 1 2

TRAY SYSTEM NUMBER

This identifies the specific tray design and is used as a product number prefix for straight sections.

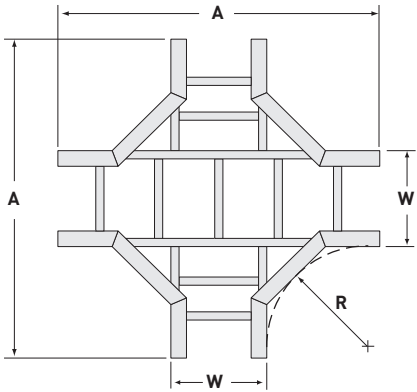
W1 W2
06 – 6"
09 – 9"
12 – 12"
18 – 18"
24 – 24"
30 – 30"
36 – 36"

HORIZONTAL TEE



PRODUCT NUMBER RADIUS (IN.)	W	A	B
2012 12	6	34	20
	9	37	23
	12	40	26
	18	46	32
	24	52	38
	30	58	44
	36	64	50
2024 24	6	58	32
	9	61	35
	12	64	38
	18	70	44
	24	76	50
	30	82	56
	36	88	62

HORIZONTAL CROSS



PRODUCT NUMBER RADIUS (IN.)	W	A
1012 12	6	34
	9	37
	12	40
	18	46
	24	52
	30	58
	36	64
1024 24	6	58
	9	61
	12	64
	18	70
	24	76
	30	82
	36	88

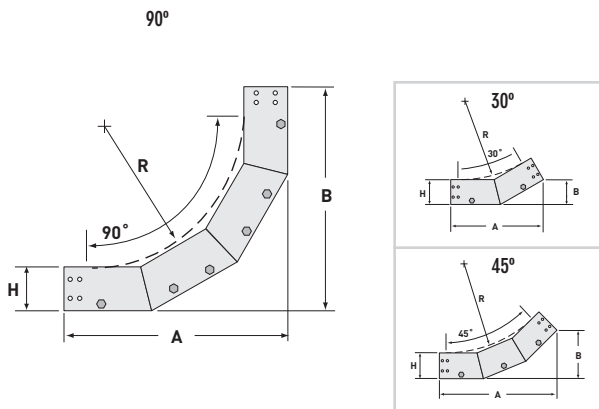
FIBERGLASS FITTINGS

WIDTHS (W) INCHES
6 9 12 18 24 30 36
RAIL HEIGHTS (H) INCHES
4 6
RADIUS (R) INCHES
12 24 36

FIBERGLASS HORIZONTAL TEE CATALOG NUMBERING EXAMPLE:

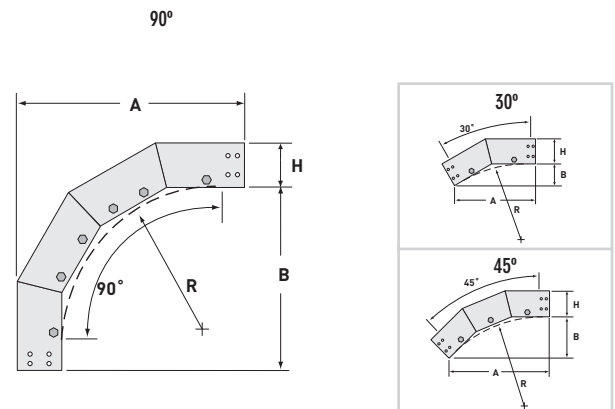
PRODUCT NO.		
BOTTOM TYPE	← LD - 7615 - 2012 - 12 →	WIDTH
LD - Ladder SB - Solid Bottom	↓ TRAY SYSTEM NUMBER This identifies the specific tray design and is used as a product number prefix for straight sections.	06 - 6" 09 - 9" 12 - 12" 18 - 18" 24 - 24" 30 - 30" 36 - 36"

VERTICAL INSIDE ELBOWS



	PRODUCT NUMBER RADIUS (IN.)	W	RAIL HEIGHT (IN.)			
			4		6	
			A	B	A	B
90°	9112 12	ALL	18	18	20	20
	9124 24	ALL	30	30	32	32
45°	4612 12	ALL	14 ³ / ₄	6 ¹ / ₈	16 ¹ / ₈	6 ⁵ / ₈
	4624 24	ALL	23 ¹ / ₄	9 ⁵ / ₈	24 ⁵ / ₈	10 ¹ / ₄
30°	3112 12	ALL	11 ³ / ₄	3 ¹ / ₈	12 ³ / ₄	3 ³ / ₈
	3124 24	ALL	17 ³ / ₄	4 ³ / ₄	18 ³ / ₄	5

VERTICAL OUTSIDE ELBOWS



	PRODUCT NUMBER RADIUS (IN.)	W	RAIL HEIGHT (IN.)			
			4		6	
			A	B	A	B
90°	9212 12	ALL	18	14	20	14
	9224 24	ALL	30	26	32	26
45°	4712 12	ALL	11 ⁷ / ₈	4 ⁷ / ₈	11 ⁷ / ₈	4 ⁷ / ₈
	4724 24	ALL	20 ³ / ₈	8 ¹ / ₂	20 ³ / ₈	8 ¹ / ₂
30°	3212 12	ALL	9 ³ / ₄	2 ⁵ / ₈	9 ³ / ₄	2 ⁵ / ₈
	3224 24	ALL	15 ³ / ₄	4 ¹ / ₄	15 ³ / ₄	4 ¹ / ₄

FIBERGLASS INSIDE ELBOW CATALOG NUMBERING EXAMPLE:

BOTTOM TYPE
LD - Ladder
SB - Solid Bottom

PRODUCT NO. ← **LD - 7615 - 9112 - 24** →

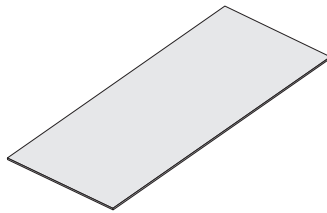
**TRAY SYSTEM
NUMBER**

This identifies the
specific tray design
and is used as a
product number prefix
for straight sections.

WIDTH
06 - 6"
09 - 9"
12 - 12"
18 - 18"
24 - 24"
30 - 30"
36 - 36"

FLAT COVER

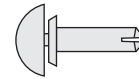
Covers are highly recommended to avoid damage to the tray contents and to protect against the elements. Flat covers are available for both straight sections and fittings. Covers are made from fire-retardant polyester resin per ASTM E84 Class 1, light gray color. Standard cover thickness is $\frac{1}{8}$ " and length is 10'-0". Side rail height is necessary for outside vertical fitting covers. Please contact Legrand for more information.



	LENGTH (FT.)	SYSTEM NUMBER
COVER	10	7130

DRIVE RIVET

Only for use with indoor, horizontal covers. Drive rivets are the most economical method of cover attachment. Requires field drilling. Install on 24" centers.



COMPLETE CATALOG NUMBER

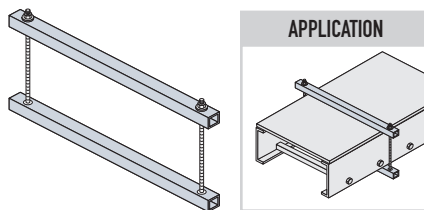
DS-8935-PL

FLAT COVER CLAMP

For use with indoor, outdoor, or vertical flat covers. The 1400 cover clamp is 1" wide fiberglass. Install one clamp over each cover joint and 36"-48" spacing between joints.

CHANNEL-STYLE

F



	PRODUCT NUMBER	FASTENERS INCLUDED
CHANNEL	1400	S6
CATALOG NUMBERING EXAMPLE:		
System No.	Width	Fasteners
6FI-1400	-24-	S6

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24 | 30 | 36

RAIL HEIGHTS (H) INCHES

4 | 6

LENGTH (L) FEET

10

FIBERGLASS PREFIX OPTIONS

F1	SERIES1 (S1)
F2	SERIES2 (S2)
FI	Flange In

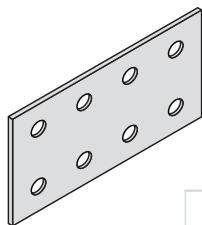
FIBERGLASS FLAT COVER CATALOG NUMBERING EXAMPLE:

LENGTH OR PRODUCT FITTING NO.		
7130	- 0010 -	36 → WIDTH
↓	↓	06 - 6"
TRAY SYSTEM NUMBER	LENGTH	09 - 9"
This identifies the specific tray design and is used as a product number prefix for straight sections.	0010 - 10' or 9112	12 - 12"
	FITTING PRODUCT NO.	18 - 18"
	This identifies fitting type and radius	24 - 24"
		30 - 30"
		36 - 36"

Splice plates and connectors are fire-retardant polyester resin per ASTM E84 Class 1. Sufficient connector pairs with fasteners are automatically included with each shipment of straight sections and fittings. Extras must be ordered separately. Type 316 stainless steel fasteners are included standard. Tighten flanged hex nut to approximately 17-23 ft.-lbs. of torque for stainless steel hardware and 4 ft.-lbs. of torque for fiberglass hardware.

STANDARD SPLICE

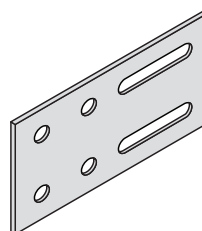
F



PRODUCT NUMBER	FASTENERS
1302	S6
CATALOG NUMBERING EXAMPLE:	
System No.	Fasteners
F1 - 1302	- S6

EXPANSION SPLICE

F

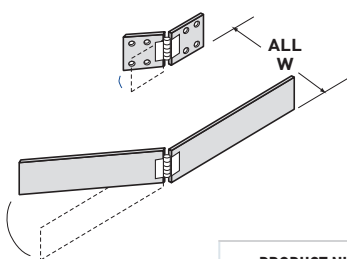


Allows thermal contraction and expansion of tray of up to 1". Tray length and temperature differential govern the spacing and quantity needed.

PRODUCT NUMBER	FASTENERS
1314	S6
CATALOG NUMBERING EXAMPLE:	
System No.	Fasteners
F1 - 1314	- S6

HORIZONTAL ADJUSTABLE SPLICE

F

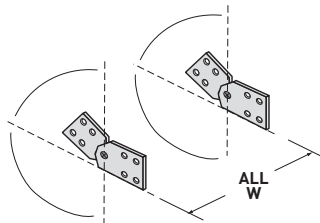


Joins trays at adjustable bend angles up to 30°.

PRODUCT NUMBER	FASTENERS
1305	S6
CATALOG NUMBERING EXAMPLE:	
System No.	Fasteners
F1 - 1305	- S6

VERTICAL ADJUSTABLE SPLICE

F



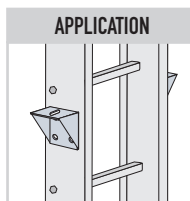
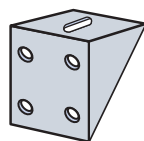
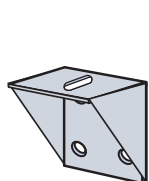
Joins trays at adjustable bend angles up to 90°.

PRODUCT NUMBER	FASTENERS
1307	S6
CATALOG NUMBERING EXAMPLE:	
System No.	Fasteners
F1 - 1307	- S6

VERTICAL HANGER SPLICE

F

Provides vertical support point for trays.

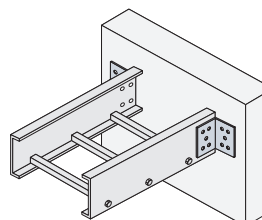


PRODUCT NUMBER	FASTENERS
0356	S6
CATALOG NUMBERING EXAMPLE:	
System No.	Fasteners
F1 - 0356	- S6

TRAY-TO-BOX CONNECTOR

F

Connects tray to the wall or a vertical upright. Hardware for tray attachment only is included.

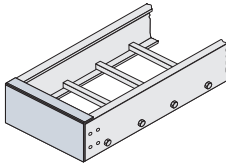


PRODUCT NUMBER	FASTENERS
1864	S6
CATALOG NUMBERING EXAMPLE:	
System No.	Fasteners
F1 - 1864	- S6

BLIND END PLATE

F

Seals off the open end of a cable tray. Attaches to the tray using standard $\frac{3}{8}$ " dia. connector hardware.



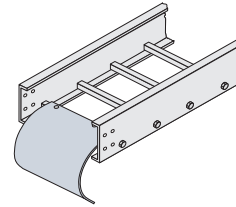
RAIL HEIGHTS (H)
INCHES
4 | 6

PRODUCT NUMBER	FASTENERS
0402	S6
CATALOG NUMBERING EXAMPLE:	
System No.	Width Fasteners
6 F I -	0402 - 12 - S 6

CABLE DROPOUT

T

Provides a smooth, rounded surface for cables dropping out of the bottom of the cable tray.



RADIUS	PRODUCT NUMBER	FASTENERS
5	0254	S6
CATALOG NUMBERING EXAMPLE:		
System No.	Width Fasteners	
T I -	0254 - 24 - S 6	

DIVIDER STRIPS

F

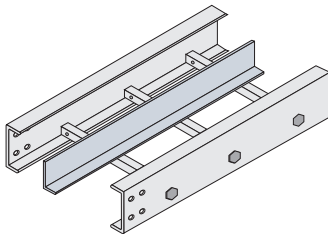
Straight strips are for use with all straight ladder tray; flexible strips are for use with all horizontal fittings of any radius. Field-drilled holes are required for installation of all divider strips. Clips should be attached to rungs on alternating sides of the divider strip.

RAIL HEIGHTS (H)

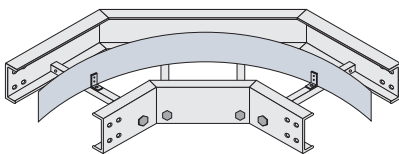
INCHES

4 | 6

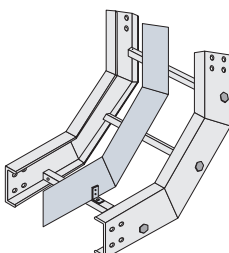
STRAIGHT HORIZONTAL DIVIDER



FLEXIBLE HORIZONTAL DIVIDER



VERTICAL FITTING DIVIDER



TYPE	PRODUCT NUMBER	LENGTH (FT)
STRAIGHT HORIZONTAL	0010-99	10
(5) THERMOPLASTIC DRIVE RIVETS INCLUDED		

TYPE	PRODUCT NUMBER	LENGTH (FT)
FLEXIBLE HORIZONTAL	0606-99	6
(4) HOLD DOWN CLIPS INCLUDED		

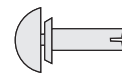
TYPE	PRODUCT NUMBER	RADIUS
VERTICAL 90° INSIDE ELBOW	9112-99	12
	9124-99	24
	9136-99	36
VERTICAL 90° OUTSIDE ELBOW	9212-99	12
	9224-99	24
	9236-99	36
VERTICAL 45° INSIDE ELBOW	4612-99	12
	4624-99	24
	4636-99	36
VERTICAL 45° OUTSIDE ELBOW	4712-99	12
	4724-99	24
	4736-99	36
VERTICAL 30° INSIDE ELBOW	3112-99	12
	3124-99	24
	3136-99	36
VERTICAL 30° OUTSIDE ELBOW	3212-99	12
	3224-99	24
	3236-99	36

(2) HOLD DOWN CLIPS INCLUDED

CATALOG NUMBERING EXAMPLE:

System No.
6 F - 0010-99

THERMOPLASTIC DRIVE RIVET



COMPLETE CATALOG NO.

DS-8935-PL

FIELD CUTTING SEALANT



Used to reseal fiberglass after field modifications. Available in quart and gallon sizes. Includes two brushes.

SIZE	CATALOG NO.
QUART	0941-Q
GALLON	0941-G

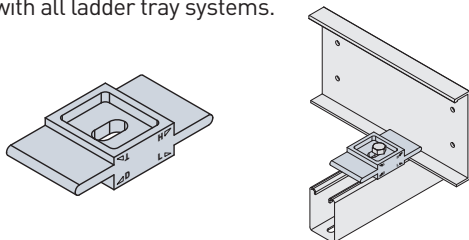
FIBERGLASS PREFIX OPTIONS

F1	SERIES1 (S1)
F2	SERIES2 (S2)
FI	Flange In

EXPANSION GUIDE CLAMP

F

Works as an expansion guide and flips over as a hold down clamp. For use with all ladder tray systems.

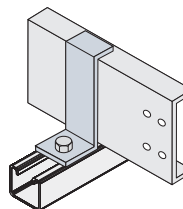


PRODUCT NUMBER	FASTENERS INCLUDED
1893-02	NONE
CATALOG NUMBERING EXAMPLE:	
Material	
F - 1893-02	

Z-HOLD DOWN CLAMP

T

Securely fastens the tray to the support member and prevents lateral movement. For use with all flange-in tray systems.



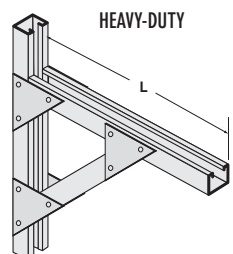
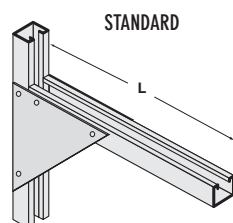
RAIL HEIGHTS (H)
INCHES
4 | 6

PRODUCT NUMBER	FASTENERS INCLUDED
1866-01	S6 1/4"x1 1/2" hex bolt, 1/4" flanged nut 3/8"x1 1/2" hex bolt, 3/8" flanged nut
1866-02	NONE
1866-03	S6 1/4" x 1 1/2" hex bolt, 1/4" spring nut 3/8" x 1 1/2" hex bolt, 3/8" spring nut
CATALOG NUMBERING EXAMPLE:	
System No.	Fasteners
6 T -	1866-01 - S6

SUPPORT BRACKETS

F

Support brackets use 1 5/8" x 1 5/8" struts. Uniform Design Load is based on a safety factor of 2.0. When selecting "L", allow extra for flanges when supporting a solid bottom tray system.



L	W	STANDARD		HEAVY-DUTY	
		PRODUCT NUMBER	DESIGN LOAD (LBS.)	PRODUCT NUMBER	DESIGN LOAD (LBS.)
10	6	0386	1600	-	-
13	9	0386	1100	-	-
16	12	0386	850	-	-
22	18	0386	725	-	-
26	24			0387	750
32	30	-	-	0387	750
38	36	-	-	0387	750
ASSEMBLY HARDWARE					S6
CATALOG NUMBERING EXAMPLE:					
Material		Length			
F -		0386 - 10			

CABLE RUNWAY

B.81 STRAIGHT SECTIONS

B.82 FITTINGS

B.83 SPLICES, CONNECTORS & ACCESSORIES



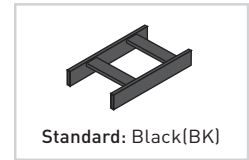
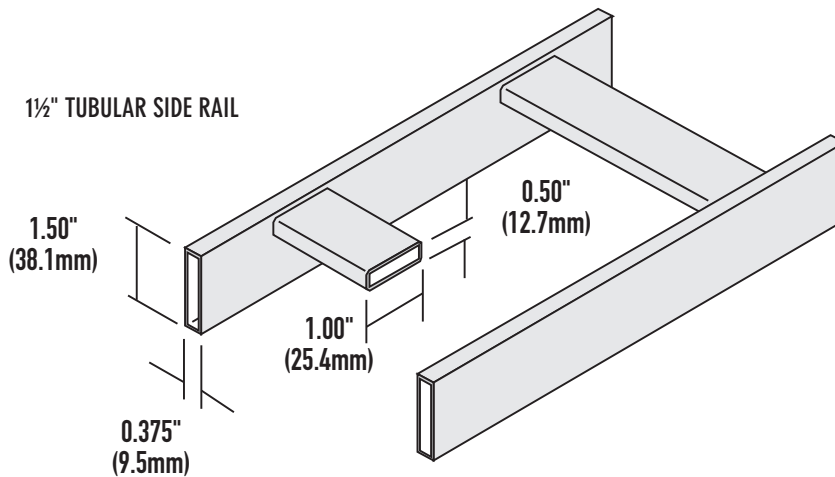
Cable Runway is available in tubular side rails that are lightweight yet strong and utilize rungs made of tubular steel.

Cable runway is commonly used in telecommunications and voice and data applications. Specific application examples include, computer data centers, server farms, 911 call centers, network control centers, telephone/wireless communication centers, and phone/data closets in commercial office buildings.

Powder-coated finish available in standard black.

- Available in 6", 9", 12", 18", and 24" widths
- Available in tubular side rail design
- All rails are 10' in length

CABLE RUNWAY STANDARD DESIGN



STANDARD DESIGN

TYPE	PRODUCT NUMBER	RAIL HEIGHT	SUPPORT SPAN (FT.) SAFE LOAD (LBS./FT.) / DEFLECTION (IN.)							
			4		5		6		7	
TUBULAR	8104	1½	248	0.41	159	0.63	110	1.19	81	1.24
									62	1.62

RAIL HEIGHTS (H) INCHES

1.5

WIDTH (W) INCHES

6 | 9 | 12 | 18 | 24

LENGTH (L) FEET

10

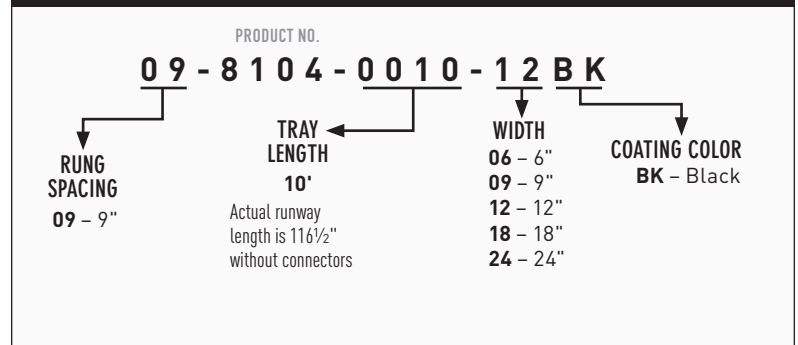
SAFE LOAD: Allowable uniformly distributed load based on simple beam type supports with a safety factor of 1.5. Safe load data is based on the performance of the cable runway side rails. An asterisk (*) denotes rung limitation.

DEFLECTION: Side rail deflection measured at the midspan of the runway, based on simple beam type supports and uniformly distributed loads. When trays are erected in a continuous system, the midspan deflection decreases by as much as 40%.

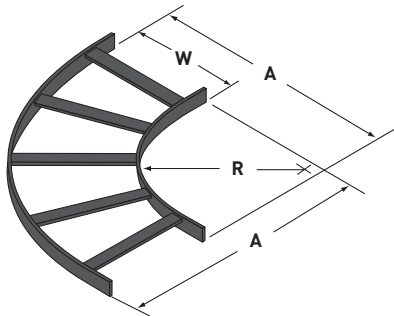
MATERIAL: Rectangular Steel Tube per ASTM A-513.

CONSTRUCTION: Tubular rungs are attached to side rails by arc welding.

STRAIGHT SECTION CATALOG NUMBERING EXAMPLE:

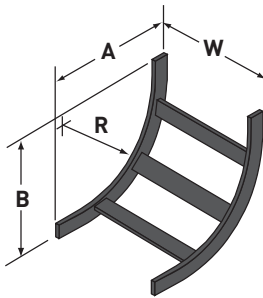


90° HORIZONTAL ELBOW



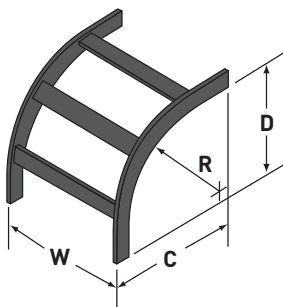
CATALOG NUMBER RADIUS	W	A
9012 12"	6	21
	9	24
	12	27
	18	33
	24	39

90° VERTICAL INSIDE ELBOW



CATALOG NUMBER RADIUS	W	SIDE RAIL HEIGHT			
		1½		2	
		A	B	A	B
9112 12"	6	16½	16½	17	17
	9	16½	16½	17	17
	12	16½	16½	17	17
	18	16½	16½	17	17
	24	16½	16½	17	17

90° VERTICAL OUTSIDE ELBOW



CATALOG NUMBER RADIUS	W	SIDE RAIL HEIGHT			
		1½		2	
		C	D	C	D
9212 12"	6	16½	15	17	15
	9	16½	15	17	15
	12	16½	15	17	15
	18	16½	15	17	15
	24	16½	15	17	15

HORIZONTAL ELBOW CATALOG NUMBERING EXAMPLE:

SYSTEM NO.

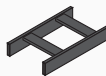
PRODUCT NO.

09-8104-9012-24 BK

RUNG
SPACING
09 - 9"

WIDTH
06 - 6"
09 - 9"
12 - 12"
18 - 18"
24 - 24"

COATING
COLOR



Standard: Black(BK)

WIDTHS (W) INCHES

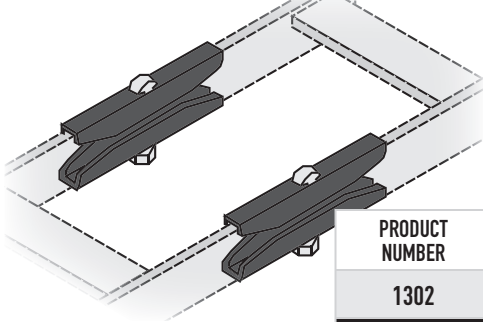
6 | 9 | 12 | 18 | 24

RUNWAY PREFIX OPTIONS

R	ALL SIZES
1R	1½" SIDERAIL (8104)

SPLICE

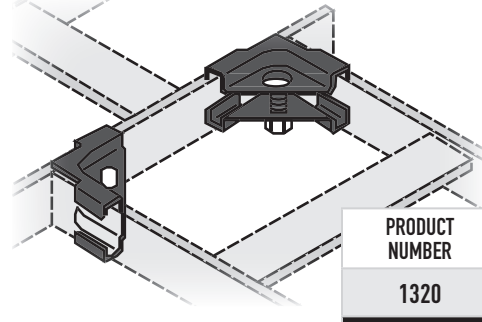
Connects runway sections. Sold in pairs.



PRODUCT NUMBER	FASTENERS INCLUDED
1302	ZN
CATALOG NUMBERING EXAMPLE:	
System No.	Fasteners Coating
1 R - 1302	- ZN - BK

90° HORIZONTAL CONNECTOR

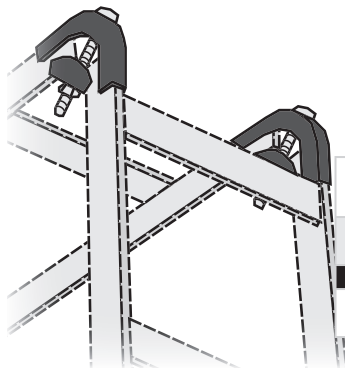
Joins runway sections at a 90° horizontal angle. Sold in pairs.



PRODUCT NUMBER	FASTENERS INCLUDED
1320	ZN
CATALOG NUMBERING EXAMPLE:	
System No.	Fasteners Coating
1 R - 1320	- ZN - BK

90° VERTICAL CONNECTOR

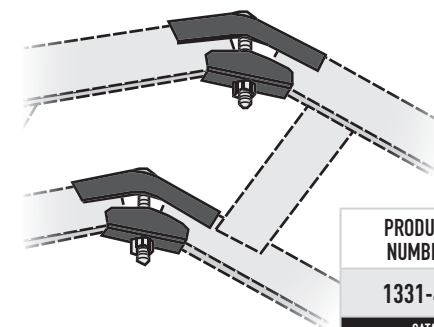
Joins runway sections at a 90° vertical angle. Sold in pairs.



PRODUCT NUMBER	FASTENERS INCLUDED
1331-90	ZN
CATALOG NUMBERING EXAMPLE:	
System No.	Fasteners Coating
1 R - 1331-90	- ZN - BK

45° VERTICAL CONNECTOR

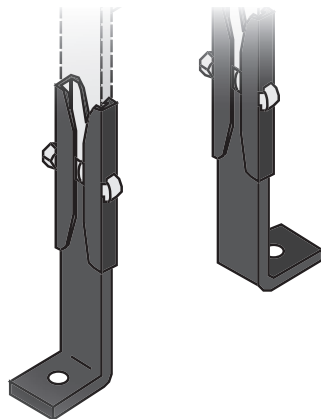
Joins runway sections at a 45° vertical angle. Sold in pairs.



PRODUCT NUMBER	FASTENERS INCLUDED
1331-45	ZN
CATALOG NUMBERING EXAMPLE:	
System No.	Fasteners Coating
1 R - 1331-45	- ZN - BK

FLOOR/WALL SUPPORT BRACKET KIT

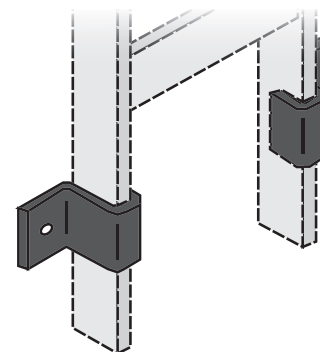
Connects runway to the floor or wall and acts as a support point. Includes the splice connector and foot support. Attachment hardware is not included. Sold in pairs.



PRODUCT NUMBER	FASTENERS INCLUDED
0339	ZN
CATALOG NUMBERING EXAMPLE:	
System No.	Fasteners Coating
1 R - 0339	- ZN - BK

VERTICAL WALL BRACKET

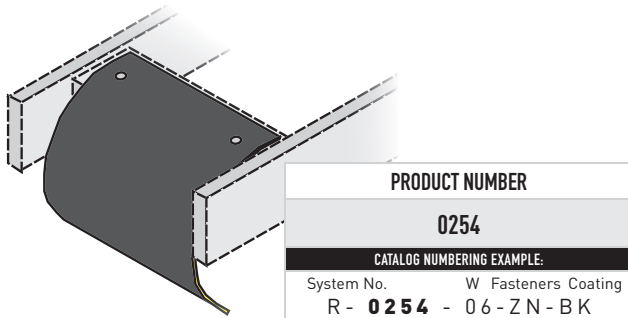
Secures runway to the wall or floor. Sized for 3/8" hardware (not included). Sold in pairs.



PRODUCT NUMBER	
0426	
CATALOG NUMBERING EXAMPLE:	
System No.	Coating
1 R - 0426	- BK

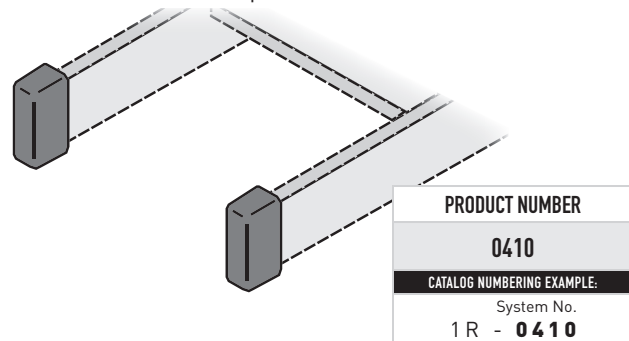
CABLE DROPOUT

Provides a smooth surface for cables to drop out of runway with a 3" radius bend.



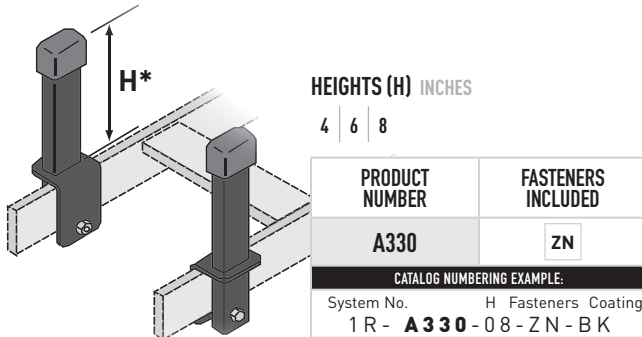
PROTECTIVE END CAP

Protects the exposed ends of runway side rails. Plastic material. Sold in pairs.



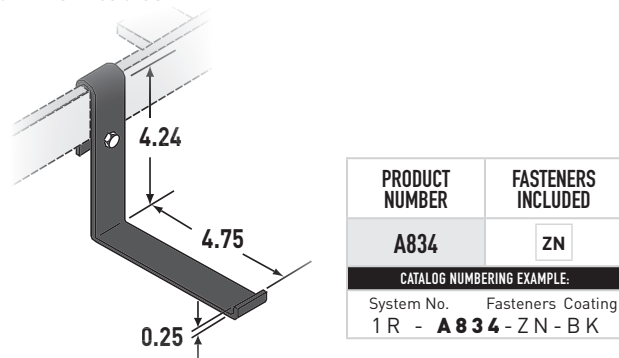
CABLE RETAINING POSTS

Posts add load depth to cable runway. Includes one post, one bracket, and one end cap. Posts are typically installed on 12" centers.



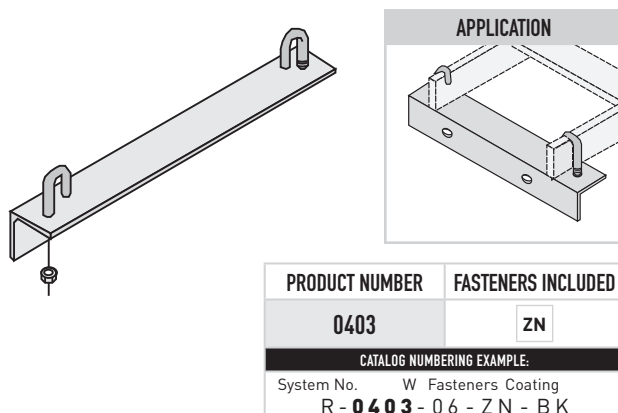
L-BRACKET

Bracket provides a separate facility for running power conductors or other cables that should be physically separated from main cables.



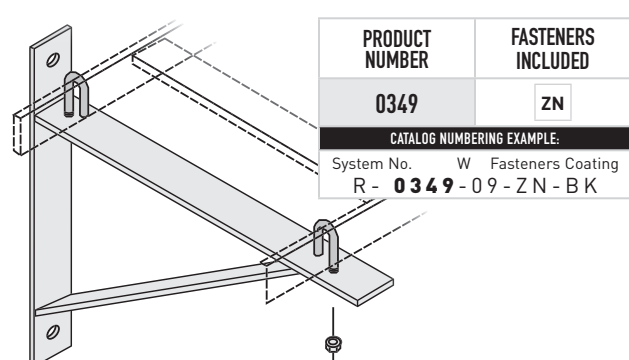
WALL ANGLE SUPPORT KIT

Supports cable runway against wall or upright vertical surface. Angle length and hole spacing is based on the specified width. Kit includes hardware for tray attachment, but wall attachment hardware is not included. Standard finish is black epoxy powder coat.



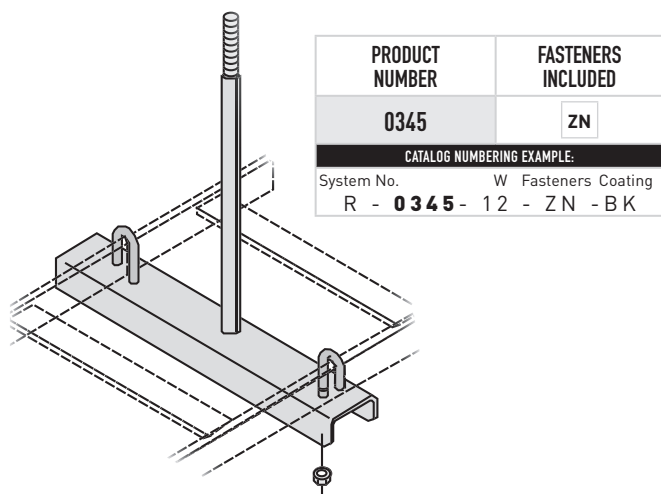
WALL BRACKET

Supports cable runway against the wall or an upright vertical surface. Hardware for runway attachment is included. Standard finish is black epoxy powder coat.



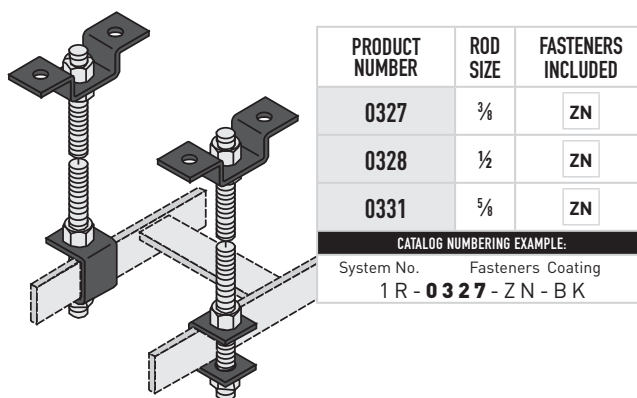
CENTER HUNG SUPPORT KIT

Supports cable runway from the ceiling using a single threaded rod. Kit includes one support bracket and hardware for tray attachment. Standard finish is black epoxy powder coat. Threaded rod is purchased separately.



TRAPEZE SUPPORT KIT

Supports cable runway from the ceiling with threaded rods. Kit includes one ceiling support bracket, one runway side rail support bracket and hex nuts. Threaded rod is purchased separately.



RUNWAY SUPPORT BRACKETS

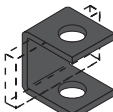
Used in conjunction with threaded rod to support cable runway from ceiling. Sold individually. Hardware is purchased separately.

CEILING SUPPORT BRACKET



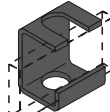
PRODUCT NUMBER	USE WITH FASTENERS
A823-01	3/8
A824-01	1/2 or 5/8
CATALOG NUMBERING EXAMPLE:	
System No.	Coating
R - A823-01 - BK	

SIDE RAIL SUPPORT BRACKET



PRODUCT NUMBER	USE WITH FASTENERS
A838-01	3/8
A839-01	1/2 or 5/8
CATALOG NUMBERING EXAMPLE:	
System No.	Coating
1 R - A839-01 - BK	

SLOTTED SUPPORT BRACKET



PRODUCT NUMBER	USE WITH FASTENERS
A842-01	3/8
A843-01	1/2
A844-01	5/8
CATALOG NUMBERING EXAMPLE:	
System No.	Coating
1 R - A842-01 - BK	

WIDTHS (W) INCHES

6 | 9 | 12 | 18 | 24

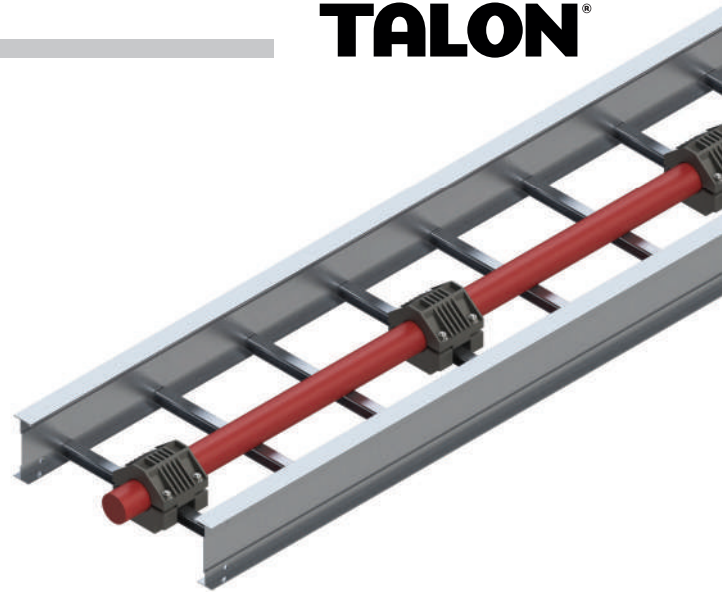
RUNWAY PREFIX OPTIONS

R	ALL SIZES
1R	1 1/2" SIDERAIL (8104)



Standard: Black(BK)

CABLE CLEATS

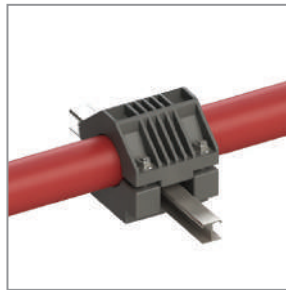


B.86 INTRODUCTION

B.87 PRODUCTS

B.88 CALCULATIONS

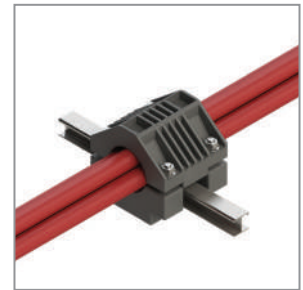
B.89 INSTALLATION



SINGLE Cable



THREE Cables



FOUR Cables

FEATURES

BENEFITS

Rigid Design

- Suitable for continued use after exposure to short circuits
- Designs for 1, 3 or 4 cables
- Protects against damage to cables and ladder tray
- Patented in US, Canada and Europe

Installs Quickly

- Two-piece design uses four stainless steel bolts with flanged nuts included
- Internal gripping hardware is held captive during installation

Designed for Industry Standard 1"x1" Cable Tray Rung

- Accommodates most ladder cable tray rungs and channel strut
- Includes an adhesive-backed, neoprene rung spacer

Polyamide Resin Body

- Features electrically insulating properties
- Resistant to UV and most chemicals including drilling mud
- Suitable for salt and gaseous atmospheres
- Suitable for indoor or wet locations
- Low smoke, zero-halogen, zero-phosphorous

Large Clamping Area

- Low mechanical pressure exerted on cables

Strain Relief

- Axial Grip for cable in vertical runs
- Restrains against lateral and torsional forces

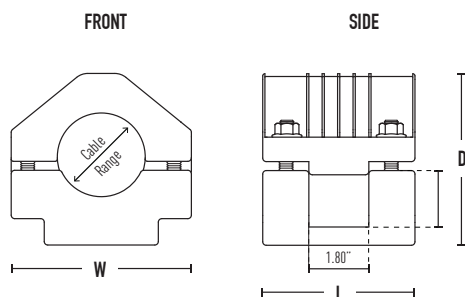
Universal Design

- Accommodates virtually every cable tray rung
- Designs for 1, 3 or 4 cables

Third Party Tested

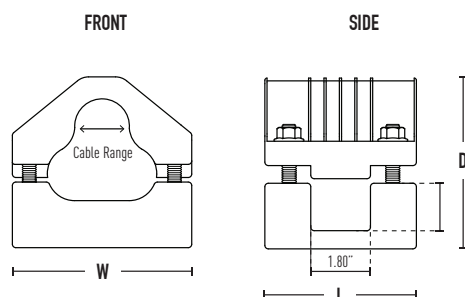
- Meets multiple codes and standards including, ASTM, IEC, ISO and UL

CCT1 SINGLE CABLE



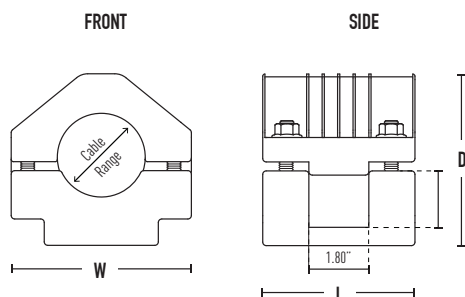
PRODUCT NO.	CABLE RANGE		LENGTH	WIDTH	DEPTH	WEIGHT
	MIN DIA (IN)	MAX DIA (IN)	IN	IN	IN	LBS
CCT1-05-S4	0.63	0.91	4.33	4.00	3.94	1.02
CCT1-07-S4	0.91	1.14	4.33	4.00	3.94	1.02
CCT1-10-S4	1.14	1.38	4.33	4.00	3.94	1.02
CCT1-20-S4	1.38	1.77	4.33	4.00	3.94	1.02
CCT1-30-S4	1.77	2.00	4.33	4.99	4.72	1.27
CCT1-40-S4	2.00	3.12	4.33	4.99	4.72	1.27
CCT1-50-S4	3.12	3.39	4.33	6.63	5.61	1.59
CCT1-60-S4	3.39	4.17	4.33	7.77	6.34	2.09

CCT3 THREE CABLES



PRODUCT NO.	CABLE RANGE		LENGTH	WIDTH	DEPTH	WEIGHT
	MIN DIA (IN)	MAX DIA (IN)	IN	IN	IN	LBS
CCT3-04-S4	0.59	0.71	4.33	4.00	3.94	1.02
CCT3-06-S4	0.71	0.79	4.33	4.00	3.94	1.02
CCT3-10-S4	0.79	0.94	4.33	4.00	3.94	1.02
CCT3-20-S4	0.94	1.00	4.33	4.99	4.72	1.27
CCT3-30-S4	1.00	1.18	4.33	4.99	4.72	1.27
CCT3-40-S4	1.18	1.54	4.33	5.14	4.57	1.19
CCT3-50-S4	1.54	1.85	4.33	5.82	5.01	1.42
CCT3-60-S4	1.85	2.28	4.33	6.63	5.61	1.59
CCT3-70-S4	2.28	2.80	4.33	7.77	6.34	2.09

CCT4 FOUR CABLES



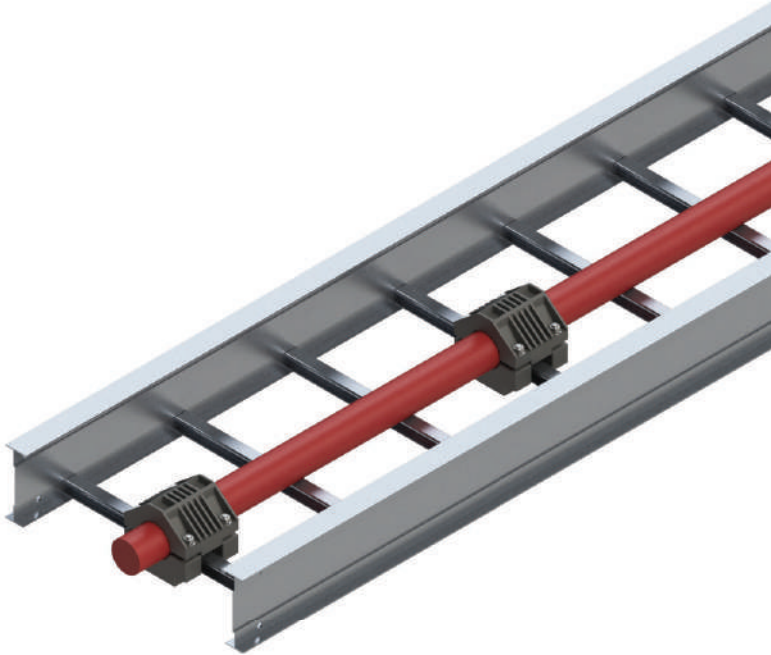
PRODUCT NO.	CABLE RANGE		LENGTH	WIDTH	DEPTH	WEIGHT
	MIN DIA (IN)	MAX DIA (IN)	IN	IN	IN	LBS
CCT4-03-S4	0.51	0.59	4.33	4.00	3.94	1.02
CCT4-06-S4	0.59	0.63	4.33	4.00	3.94	1.02
CCT4-10-S4	0.63	0.79	4.33	4.00	3.94	1.02
CCT4-20-S4	0.79	0.87	4.33	4.00	3.94	1.02
CCT4-30-S4	0.87	0.91	4.33	4.99	4.72	1.27
CCT4-40-S4	0.91	0.98	4.33	4.99	4.72	1.27
CCT4-50-S4	0.98	1.30	4.33	4.99	4.72	1.27

Standard design includes 304 stainless steel 5/16" bolts with flange nuts. CCT1-60-S4 and CCT3-70-S4 include 3/8" hardware. Optional 316 stainless steel hardware is available as a special order with a longer lead time. Replace the suffix -S4 with -S6 to request this option. The above cleat sizes are representative for general installation requirements. For optimized fit and spacing, contact project services for details.

CABLE CLEAT SPACING

The spacing between cable cleats is derived from a full analysis of Lorentz’s law over the time period of a fault current. Due to the complexities of asymmetric waveforms and cyclic stresses, these calculations are too complicated to be reduced to a simple formula and require iterative analysis to get the most complete picture of the interaction between the cleats and the cables. In order to perform these calculations, we need as much detail as possible. In particular, we need the following information:

- Outer Diameter of Cable
- AC or DC Current
- 1-Phase or 3-Phase Power
- Operating Voltage
- Any available Fault Current Details (RMS-Symmetric Value, RMS-Asymmetric Value, Peak Current, Etc.)
- Cable Weight
- Longest Straight Horizontal Length
- Longest Straight Vertical Length
- Special Conditions (Chemical, Environmental Exposure, Etc.)



Example 1:

Outer Diameter of Cable	1.98"
AC or DC Current	AC
1-Phase or 3-Phase Power	3-Phase Power
Operating Voltage	38 kV
Any available Fault Current Details (RMS-Symmetric Value, RMS-Asymmetric Value, Peak Current, Etc.)	13.91 kA
Cable Weight	2.98 lbs./ft.
Longest Straight Horizontal Length	1,932 ft.
Longest Straight Vertical Length	No significant vertical runs
Special Conditions (Chemical, Environmental Exposure, Etc.)	Outdoor Application

ANALYSIS: Maximum cable cleat spacing should be 36". Maximum lateral force showed by calculations was 1,586 lbf. Recommended cleat was CCT3-60-S4.
--

Example 2:

Outer Diameter of Cable	1.24"
AC or DC Current	AC
1-Phase or 3-Phase Power	3-Phase Power
Operating Voltage	24.9 kV
Any available Fault Current Details (RMS-Symmetric Value, RMS-Asymmetric Value, Peak Current, Etc.)	24 kA RMS-SYMM
Cable Weight	0.99 lbs./ft.
Longest Straight Horizontal Length	325 ft.
Longest Straight Vertical Length	No significant vertical runs
Special Conditions (Chemical, Environmental Exposure, Etc.)	Outdoor Application

ANALYSIS: Maximum cable cleat spacing should be 36". Recommended cable cleat was CCT3-40-S4.

INSTALLATION

Follow these steps for quick and simple cable cleat installation.

Cable Cleat - Single Cable

STEP 1

Separate bottom half of cable cleat.



STEP 2

Position base and wire



STEP 3

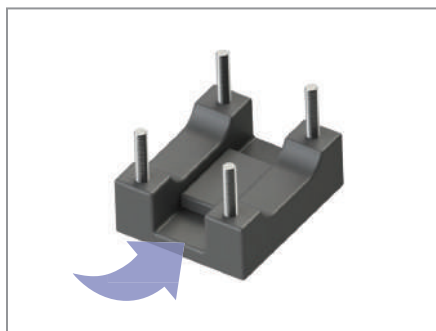
Position cap and finger tighten all four nuts. Then 1-2 turns with wrench.



Cable Cleat - Three Cables

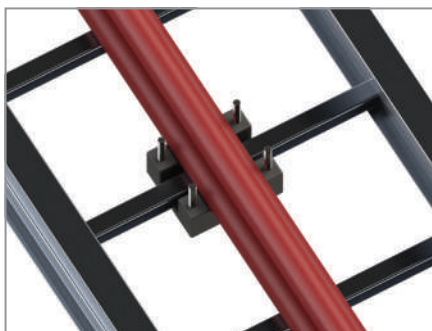
STEP 1

Separate bottom half of cable cleat.



STEP 2

Position base and wire in a triangle formation



STEP 3

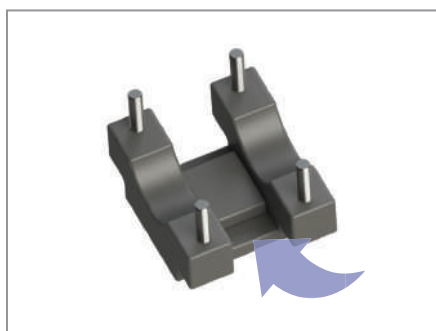
Position cap and finger tighten all four nuts. Then 1-2 turns with wrench.



Cable Cleat - Four Cables

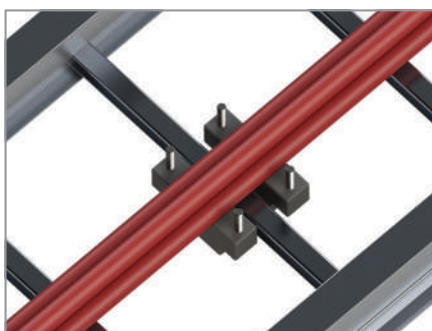
STEP 1

Separate bottom half of cable cleat.



STEP 2

Position base and wire in a diamond formation



STEP 3

Position cap and finger tighten all four nuts. Then 1-2 turns with wrench.



CHANNEL SYSTEMS

B.90 INTRODUCTION AND FEATURES

ALUMINUM

B.93 STRAIGHT SECTIONS

B.94 HORIZONTAL ELBOWS

B.95 VERTICAL INSIDE ELBOWS

B.96 VERTICAL OUTSIDE ELBOWS

B.97 CONNECTORS & SPLICES

B.99 COVERS

B.100 ACCESSORIES

METALLIC

B.102 STRAIGHT SECTIONS

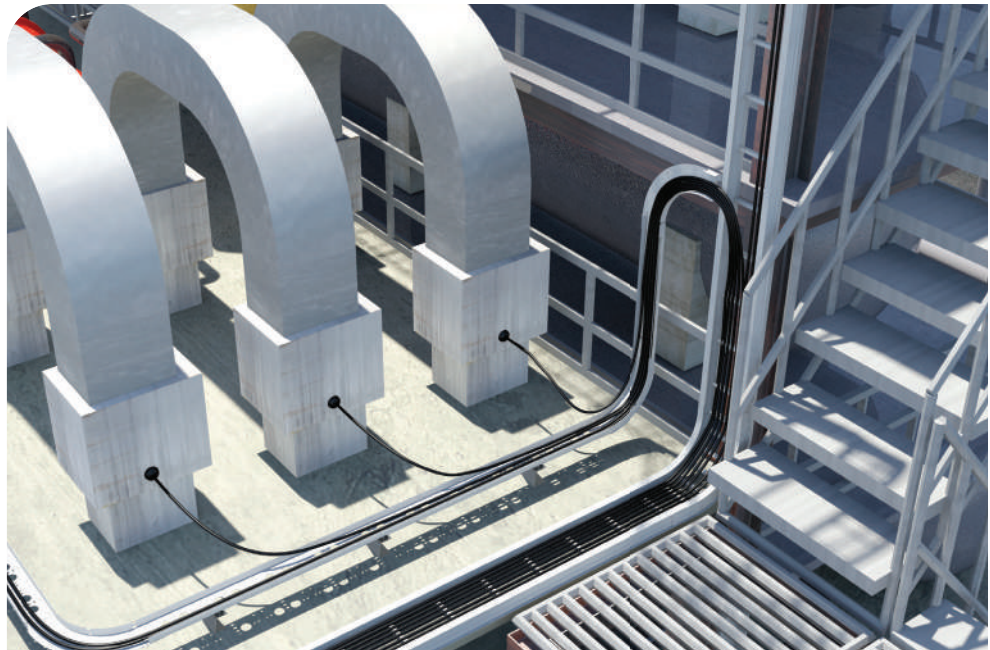
B.103 HORIZONTAL ELBOWS

B.104 VERTICAL ELBOWS

B.105 CONNECTORS & SPLICES

B.106 COVERS

B.106 ACCESSORIES



Cable Channel is offered in a range of materials well suited for industrial facilities, chemical plants and any application with a harsh environment. Coupled with ITray, Cable Channel offers a durable, flexible, open system that's easy to install, adjust and move. It's faster and a more cost-effective alternative for cable drops using ladder tray or conduit.



Aluminum Cable Channel



Metallic Cable Channel

Finishes and Product Features

Cable Channel tray is available in 3 finishes to match any application or environmental challenge. Use this chart to determine the finish that fits your project.

SYMBOL	MATERIAL	FINISH & STANDARD	INTERIOR INSTALLATIONS	EXTERIOR INSTALLATIONS	PETROLEUM PLANTS CHEMICAL PLANTS	MARINE/SALT, WEAK SULPHUROUS ENVIRONMENTS	ACIDIC, ALKALINE ENVIRONMENTS	FOOD PRODUCTION, WASH-DOWN, CLEAN ROOMS	HALOGEN ENVIRONMENTS
A	ALUMINUM 6063 T6 5052-T4	NATURAL ALUMINUM	●	●	●	●	●	●	
GC	CARBON STEEL ASTM A510 GRADE 1008	HOT DIPPED GALVANIZED: AFTER FABRICATION ASTM A 123		●	●	●	●		
316L	STAINLESS STEEL AISI TYPE 316L	STAINLESS STEEL 316L: CLEANED AND PASSIVATED ASTM A 380		●	●	●	●	●	●

● RECOMMENDED ● POSSIBLE

Galvanic Corrosion

Galvanic corrosion is the result of an electrochemical phenomenon due to the potential difference between different metals, or between a metal and the impurities it contains, when they are in electrical contact. Be aware of this phenomenon when selecting supports, splices and accessories. The results are based on laboratory conditions and testing. However, in actual installations other conditions need to be considered to determine if significant galvanic reactions will occur.

		RECOMMENDED HARDWARE		
CABLE TRAY FINISH	RECOMMENDED ACCESSORIES	AL	GEOMET	S6
A ALUMINUM	AL / GC	●	●	●
GC STEEL - HDGAF	GC / S6		●	●
S6 STAINLESS STEEL 316	S6		●	●

● RECOMMENDED ● POSSIBLE

Safe Load Data Table

MATERIAL	WIDTH (IN.)	AMP RATING	SUPPORT SPAN (FT.)									
			8		10		12		14		16	
			LOAD (LBS./FT.) / DEFLECTION MULTIPLIER									
ALUMINUM	4	1000	40.2	0.050	25.7	0.122	17.9	0.253	13.1	0.469	10.1	0.800
ALUMINUM	6	1000	43.9	0.041	28.1	0.101	19.5	0.209	14.3	0.386	11.0	0.659
STEEL	4	100	24.5	0.025	15.7	0.062	10.9	0.128				
STEEL	6	100	26.8	0.021	17.2	0.051	11.9	0.106				
STAINLESS	4	N/A	24.5	0.025	15.7	0.062	10.9	0.128				
STAINLESS	6	N/A	26.8	0.021	17.2	0.051	11.9	0.106				

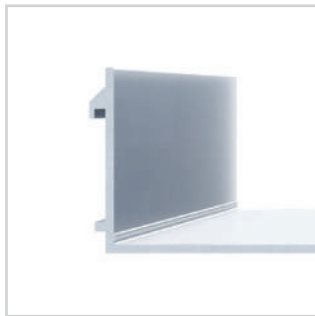
Cable Channel Fill Capacity

CHANNEL WIDTH	1/0 XHHW TYPE TC (0.57")	3/0 XHHW TYPE TC (0.66")	3C (AWG 4/0) THHN TYPE TC (1.51")	3C (250KCMIL) THHN TYPE TC (1.66")	4C (18 AWG) OLFLEX TC 600 (0.32")	12C (18 AWG) OLFLEX TC 600 (0.47")	4C (14 AWG) THHN TYPE TC (0.35")	10C (14 AWG) THHN TYPE TC (0.55")
4"	6 CBLS	5 CBLS	2 CBLS	2 CBLS	43 CBLS	20 CBLS	36 CBLS	14 CBLS
6"	10 CBLS	8 CBLS	3 CBLS	3 CBLS	65 CBLS	30 CBLS	54 CBLS	22 CBLS

ALUMINUM CABLE CHANNEL

ALUMINUM

A ALUMINUM



Patent-pending extruded channels allow for longer spans and slide-in splices and accessories.

The patent pending design for our Aluminum Cable Channel makes for a super-strong splice that's easy to install and stronger tray that makes spans up to 16' possible. The splice design utilizes extruded channels on each side of the tray and optional push pin hardware that just snaps in place without any tools or welding, creating a splice with excellent load capacity. It's a complete system with pre-fabricated horizontal bends, vertical bends and any accessory you will need.

Splice hole pattern
repeats every 12"
to simplify splicing
cut lengths.

**Cable Tie
Down Slots**

**Cable Drop
Out Holes**

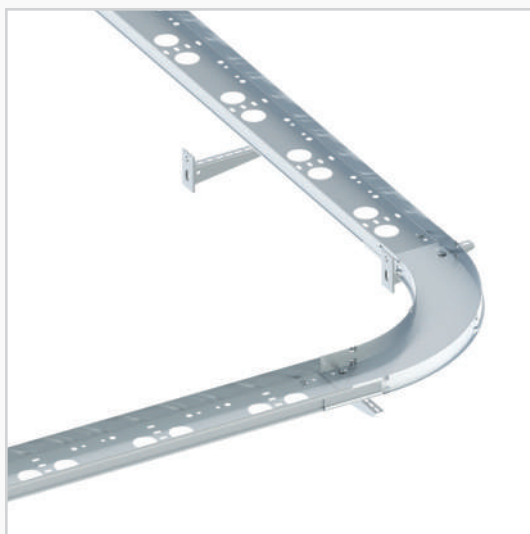
Push-Pin locking hardware.
Snap-in hardware locks in
place without tools.

Snap-on covers.
Covers are designed to
snap into place without
extra hardware or tools.

Slide-In splice hardware.
Extruded channels on both
sides of tray keep joints rigid,
allowing longer support spans.



Aluminum Cable Channel Tray is a perfect match to our ITray to create branch circuits that are easy to install and manage.



25% Fewer Supports Needed with Aluminum Cable Channel: Stronger tray requires fewer supports with up to 16' spans possible. Saves installation time and reduces overall material costs.

STRAIGHT SECTION – SOLID BOTTOM



4"



6"

STRAIGHT SECTION – VENTED BOTTOM



4"



6"

STRAIGHT SECTION CATALOG NUMBERING EXAMPLE:

CCS - A - S120 - 04			
TRAY TYPE	MATERIAL	LENGTH	WIDTH
CCS – Solid	A	S120 – 10'	04 – 4"
CCV – Vented		S144 – 12'	06 – 6"
		S240 – 20'	



WIDTHS (W) INCHES

4 | 6

Splices are sold separately. See Page B.97 for ordering.

LENGTHS (L) FEET

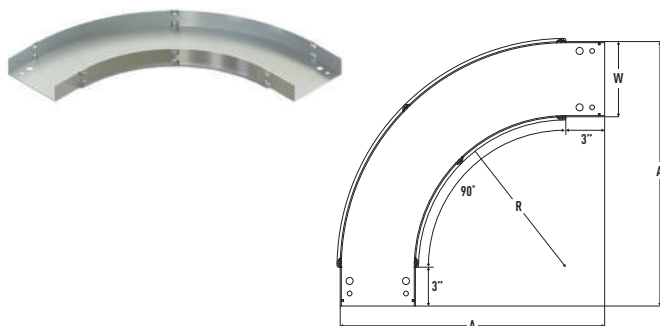
10 | 12 | 20

HEIGHT (H) INCHES

1.75

90HB HORIZONTAL 90° ELBOW

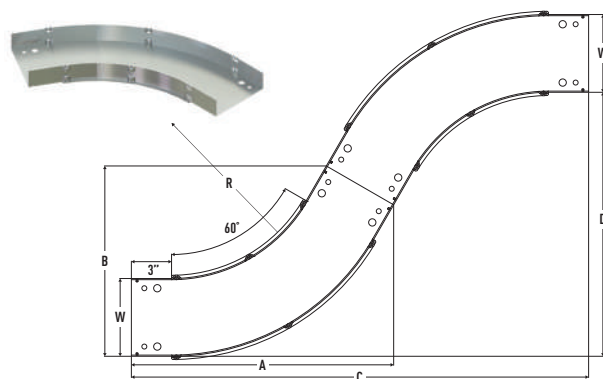
A



RADIUS (IN.)	W	A	B	C	D
12	4	19 ¹ / ₈	-	-	-
	6	21 ¹ / ₈	-	-	-
24	4	31 ¹ / ₈	-	-	-
	6	33 ¹ / ₈	-	-	-

60HB HORIZONTAL 60° ELBOW

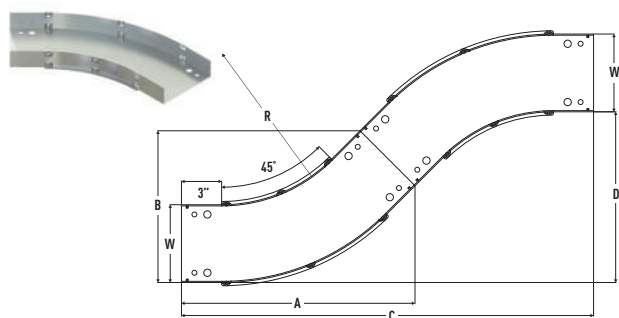
A



RADIUS (IN.)	W	A	B	C	D
12	4	18 ¹ / ₂	12 ⁵ / ₈	33 ¹ / ₂	19 ³ / ₈
	6	20 ¹ / ₄	14 ⁵ / ₈	35 ¹ / ₄	20 ³ / ₈
24	4	28 ⁷ / ₈	18 ⁵ / ₈	54 ³ / ₈	31 ³ / ₈
	6	30 ⁵ / ₈	20 ⁵ / ₈	56 ¹ / ₈	32 ³ / ₈

45HB HORIZONTAL 45° ELBOW

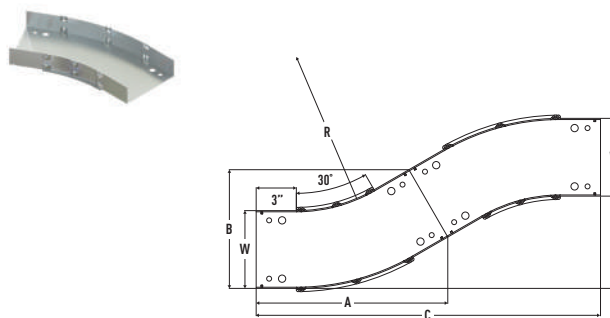
A



RADIUS (IN.)	W	A	B	C	D
12	4	16 ⁵ / ₈	9 ³ / ₄	30 ³ / ₈	12 ⁵ / ₈
	6	18	11 ³ / ₄	31 ⁷ / ₈	13 ¹ / ₈
24	4	25 ¹ / ₈	13 ¹ / ₄	47 ³ / ₈	19 ⁵ / ₈
	6	26 ¹ / ₂	15 ¹ / ₄	48 ³ / ₄	20 ¹ / ₄

30HB HORIZONTAL 30° ELBOW

A



RADIUS (IN.)	W	A	B	C	D
12	4	13 ³ / ₄	7 ¹ / ₄	25 ¹ / ₂	6 ⁷ / ₈
	6	14 ³ / ₄	9 ¹ / ₄	26 ¹ / ₂	7 ¹ / ₈
24	4	19 ³ / ₄	8 ³ / ₄	37 ¹ / ₂	10 ¹ / ₈
	6	20 ³ / ₄	10 ³ / ₄	38 ¹ / ₂	10 ³ / ₈

CHANNEL HORIZONTAL ELBOWS

WIDTHS (W) INCHES

4 | 6

RADIUS (R) INCHES

12 | 24

36" Radius elbows are available upon request.

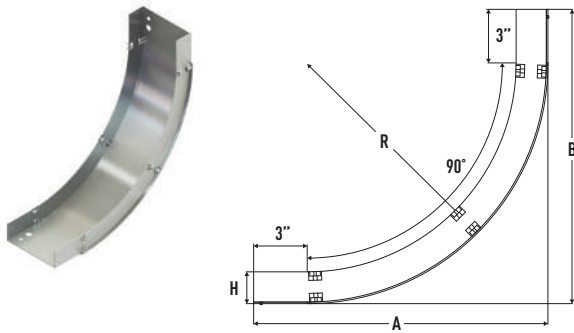
All aluminum elbows are preassembled.
Splices are sold separately. See Page B.97 for ordering.

HORIZONTAL ELBOW CATALOG NUMBERING EXAMPLE:

CCS - A - 90HB 12 - 04					
TRAY TYPE CCS - Solid CCV - Vented	MATERIAL A	ELBOW TYPE		RADIUS WIDTH	
		90° Horiz Bend		12"	04 - 4"
		60° Horiz Bend		24"	06 - 6"
		45° Horiz Bend			
		30° Horiz Bend			

90VI VERTICAL INSIDE 90° ELBOW

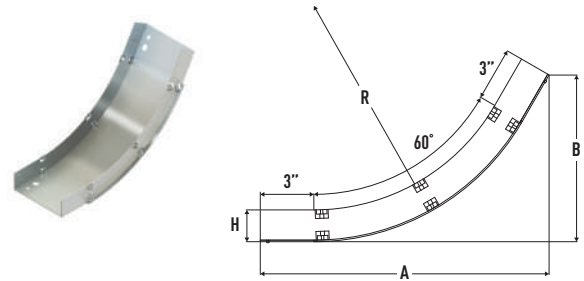
A



RADIUS (IN.)	W	H	A	B
12	4	1 ⁷ / ₈	17	17
	6	1 ⁷ / ₈	17	17
24	4	1 ⁷ / ₈	29	29
	6	1 ⁷ / ₈	29	29

60VI VERTICAL INSIDE 60° ELBOW

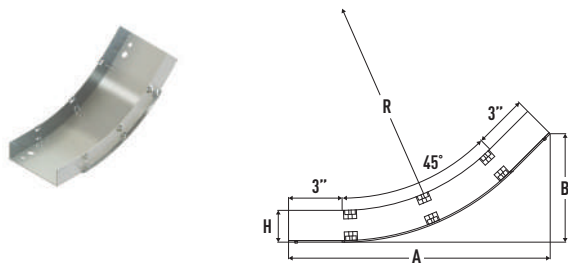
A



RADIUS (IN.)	W	H	A	B
12	4	1 ⁷ / ₈	16 ³ / ₄	9 ⁵ / ₈
	6	1 ⁷ / ₈	16 ³ / ₄	9 ⁵ / ₈
24	4	1 ⁷ / ₈	27 ¹ / ₈	15 ⁵ / ₈
	6	1 ⁷ / ₈	27 ¹ / ₈	15 ⁵ / ₈

45VI VERTICAL INSIDE 45° ELBOW

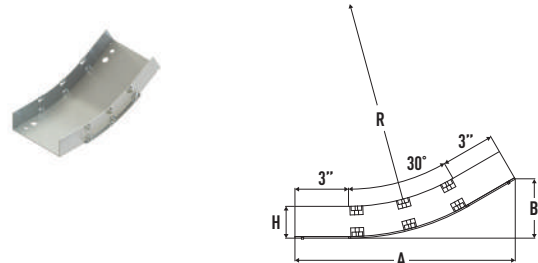
A



RADIUS (IN.)	W	H	A	B
12	4	1 ⁷ / ₈	15 ¹ / ₈	6 ¹ / ₄
	6	1 ⁷ / ₈	15 ¹ / ₈	6 ¹ / ₄
24	4	1 ⁷ / ₈	23 ⁵ / ₈	9 ³ / ₄
	6	1 ⁷ / ₈	23 ⁵ / ₈	9 ³ / ₄

30VI VERTICAL INSIDE 30° ELBOW

A



RADIUS (IN.)	W	H	A	B
12	4	1 ⁷ / ₈	12 ³ / ₄	3 ¹ / ₂
	6	1 ⁷ / ₈	12 ³ / ₄	3 ¹ / ₂
24	4	1 ⁷ / ₈	18 ³ / ₄	5
	6	1 ⁷ / ₈	18 ³ / ₄	5

WIDTHS (W) INCHES

4 | 6

RADIUS (R) INCHES

12 | 24

36" Radius elbows are available upon request.

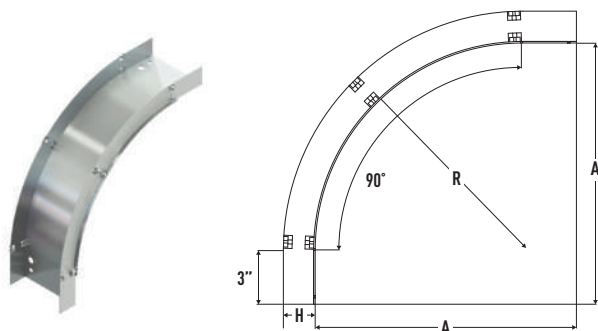
All aluminum elbows are preassembled.
Splices are sold separately. See Page B.97 for ordering.

VERTICAL INSIDE ELBOW CATALOG NUMBERING EXAMPLE:

CCS - A - 90VI12 - 04				
TRAY TYPE	MATERIAL	ELBOW TYPE	RADIUS	WIDTH
CCS - Solid	A	90° Vert Bend	12"	04 - 4"
CCV - Vented		60° Vert Bend	24"	06 - 6"
		45° Vert Bend		
		30° Vert Bend		

90VO VERTICAL OUTSIDE 90° ELBOW

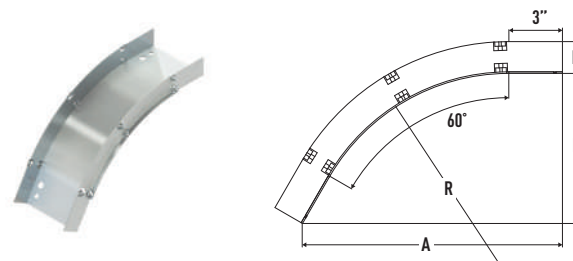
A



RADIUS (IN.)	W	H	A	B
12	4	1 ⁷ / ₈	15 ¹ / ₈	-
	6	1 ⁷ / ₈	15 ¹ / ₈	-
24	4	1 ⁷ / ₈	27 ¹ / ₈	-
	6	1 ⁷ / ₈	27 ¹ / ₈	-

60VO VERTICAL OUTSIDE 60° ELBOW

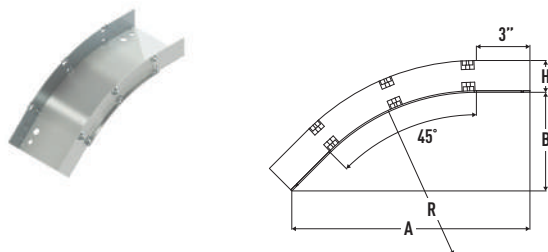
A



RADIUS (IN.)	W	H	A	B
12	4	1 ⁷ / ₈	15	8 ³ / ₄
	6	1 ⁷ / ₈	15	8 ³ / ₄
24	4	1 ⁷ / ₈	25 ¹ / ₂	14 ⁵ / ₈
	6	1 ⁷ / ₈	25 ¹ / ₂	14 ⁵ / ₈

45VO VERTICAL OUTSIDE 45° ELBOW

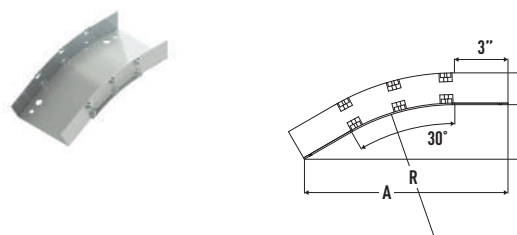
A



RADIUS (IN.)	W	H	A	B
12	4	1 ⁷ / ₈	13 ³ / ₄	5 ³ / ₄
	6	1 ⁷ / ₈	13 ³ / ₄	5 ³ / ₄
24	4	1 ⁷ / ₈	22 ¹ / ₄	11
	6	1 ⁷ / ₈	22 ¹ / ₄	11

30VO VERTICAL OUTSIDE 30° ELBOW

A



RADIUS (IN.)	W	H	A	B
12	4	1 ⁷ / ₈	11 ³ / ₄	3 ¹ / ₈
	6	1 ⁷ / ₈	11 ³ / ₄	3 ¹ / ₈
24	4	1 ⁷ / ₈	17 ³ / ₄	4 ³ / ₄
	6	1 ⁷ / ₈	17 ³ / ₄	4 ³ / ₄

WIDTHS (W) INCHES

4 | 6

RADIUS (R) INCHES

12 | 24

36" Radius elbows are available upon request.

All aluminum elbows are preassembled. Splices are sold separately. See Page B.97 for ordering.

VERTICAL OUTSIDE ELBOW CATALOG NUMBERING EXAMPLE:

CCS - A - 90VO 12 - 04				
TRAY TYPE	MATERIAL	ELBOW TYPE	RADIUS	WIDTH
CCS - Solid	A	90° Vert Bend	12"	04 - 4"
CCV - Vented		60° Vert Bend	24"	06 - 6"
		45° Vert Bend		
		30° Vert Bend		

SSP STANDARD SPLICE

A

This splice slides into built-in channels on the outside of straight sections of tray and features 2 sets of mounting holes. The larger hole accepts aluminum push-pin fasteners that allow assembly without tools. The smaller set of holes accepts traditional bolted fasteners available in Geomet and 316L Stainless Steel. **Splices are sold separately.**



FASTENERS INCLUDED

GE S6 PP

CATALOG NUMBERING EXAMPLE:

CC - 4 A - SSP - GE

TRAY TYPE
CC - Cable Channel

WIDTH
4"
6"

MATERIAL
A

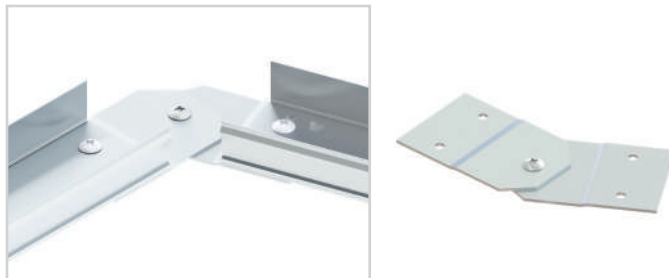
PRODUCT TYPE
SSP - Splice

HARDWARE TYPE
GE - Geomet
S6 - 316L Stainless
PP - Push Pin

HASP HORIZONTAL ADJUSTABLE SPLICE

A

Adjusts to any horizontal angle needed. Bonding jumpers are required.



FASTENERS INCLUDED

GE S6

CATALOG NUMBERING EXAMPLE:

CC - 4 A - HASP - GE

TRAY TYPE
CC - Cable Channel

WIDTH
4"
6"

MATERIAL
A

PRODUCT TYPE
HASP - Horizontal Adjustable Splice

HARDWARE TYPE
GE - Geomet
S6 - 316L Stainless

VASP VERTICAL ADJUSTABLE SPLICE

A

Adjusts to any vertical angle needed.



FASTENERS INCLUDED

GE S6 PP

CATALOG NUMBERING EXAMPLE:

CC - 4 A - VASP - PP

TRAY TYPE
CC - Cable Channel

WIDTH
4"
6"

MATERIAL
A

PRODUCT TYPE
VASP - Vertical Adjustable Splice

HARDWARE TYPE
GE - Geomet
S6 - 316L Stainless
PP - Push Pin

RSP CHANNEL REDUCER SPLICE

A

Fold up tab blocks open section of tray. Bonding jumpers are required.



FASTENERS INCLUDED

GE S6 PP

CATALOG NUMBERING EXAMPLE:

CC - 4 6 A - RSP - PP

TRAY TYPE
CC - Cable Channel

WIDTH
4"
6"

MATERIAL
A

PRODUCT TYPE
RSP - Channel Reducer Splice

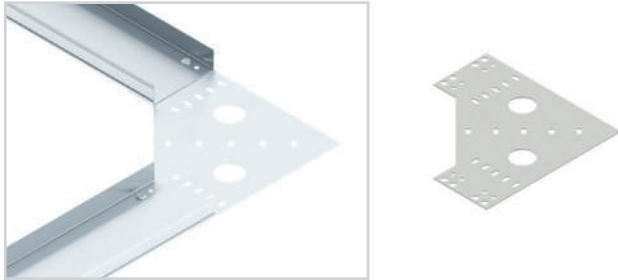
HARDWARE TYPE
GE - Geomet
S6 - 316L Stainless
PP - Push Pin

Horizontal 90°, Tee and Cross connectors fit both 4" and 6" aluminum tray. Features tie-down slots and 2-1/4" holes for cable drops.

H90C HORIZONTAL 90° CONNECTOR

A

Combine with HASP to achieve any angle. Bonding jumpers are required.



FASTENERS INCLUDED

GE S6 PP

CATALOG NUMBERING EXAMPLE:

C C V - A - H 9 0 C - G E

TRAY TYPE
CCV - Vented

MATERIAL
A

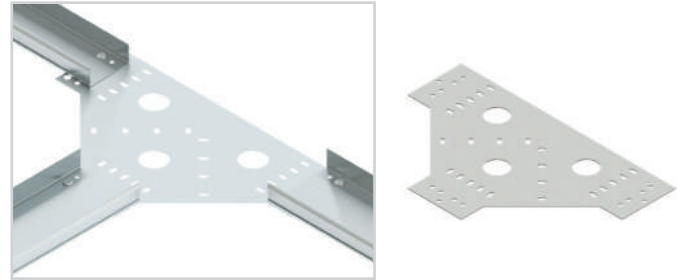
PRODUCT TYPE
H90C - Horizontal 90° Connector

HARDWARE TYPE
GE - Geomet
S6 - 316L Stainless
PP - Push Pin

HTC HORIZONTAL TEE CONNECTOR

A

Combine with HASP to achieve any angle. Bonding jumpers are required.



FASTENERS INCLUDED

GE S6 PP

CATALOG NUMBERING EXAMPLE:

C C V - A - H T C - G E

TRAY TYPE
CCV - Vented

MATERIAL
A

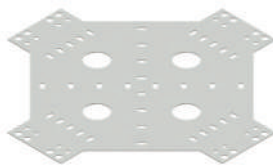
PRODUCT TYPE
HTC - Horizontal Tee Connector

HARDWARE TYPE
GE - Geomet
S6 - 316L Stainless
PP - Push Pin

HXC HORIZONTAL CROSS CONNECTOR

A

Combine with HASP to achieve any angle. Bonding jumpers are required.



FASTENERS INCLUDED

GE S6 PP

CATALOG NUMBERING EXAMPLE:

C C V - A - H X C - G E

TRAY TYPE
CCV - Vented

MATERIAL
A

PRODUCT TYPE
HXC - Horizontal Cross Connector

HARDWARE TYPE
GE - Geomet
S6 - 316L Stainless
PP - Push Pin

EXSP CHANNEL EXPANSION SPLICE

A

Allows expansion/contraction up to 1". Bonding jumpers are required.



FASTENERS INCLUDED

GE S6

CATALOG NUMBERING EXAMPLE:

C C - 4 A - E X S P - G E

TRAY TYPE
CC - Cable Channel

WIDTH
4"
6"

MATERIAL
A

PRODUCT TYPE
EXSP - Channel Expansion Splice

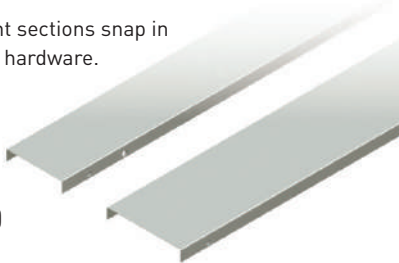
HARDWARE TYPE
GE - Geomet
S6 - 316L Stainless

SFF STRAIGHT SECTION COVERS

A

Aluminum covers for straight sections snap in place without any additional hardware.

SOLID FLAT FLANGED



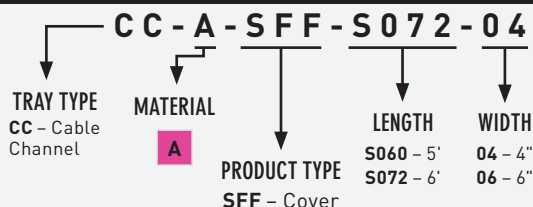
1400 COVER CLAMP

A

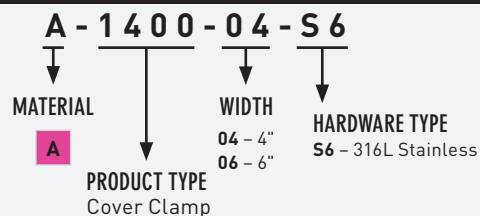
Secure covers in outdoor applications.



STRAIGHT SECTION COVER CATALOG NUMBERING EXAMPLE:



COVER CLAMP CATALOG NUMBERING EXAMPLE:

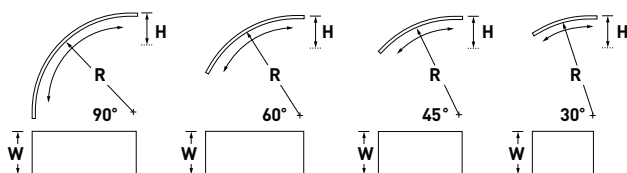


SFN ELBOW COVERS

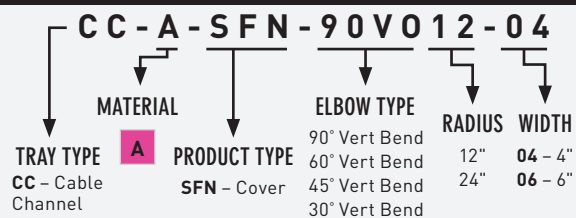
A

All aluminum elbow covers require fasteners for connection to elbows - to be ordered separately (see B.100).

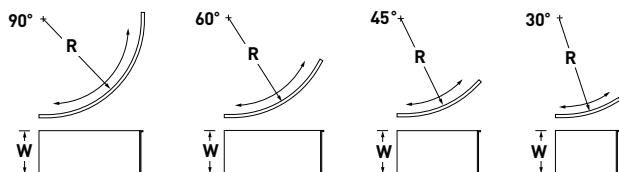
FOR VERTICAL OUTSIDE ELBOWS (90VO/60VO/45VO/30VO)



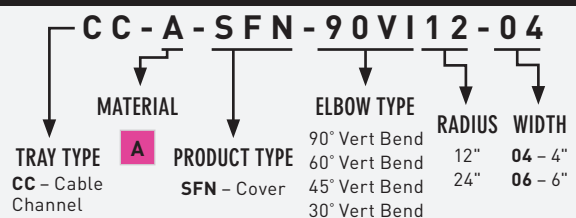
VERTICAL OUTSIDE ELBOW COVER CATALOG NUMBERING EXAMPLE:



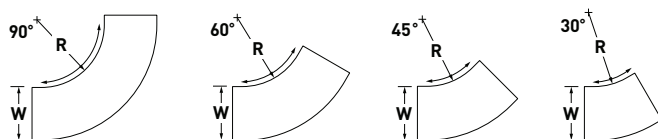
FOR VERTICAL INSIDE ELBOWS (90VI/60VI/45VI/30VI)



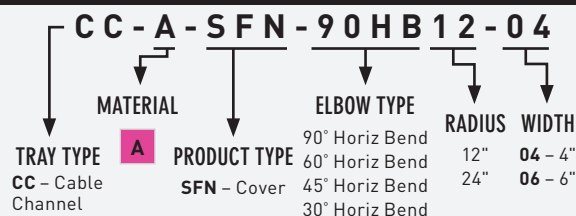
VERTICAL INSIDE ELBOW COVER CATALOG NUMBERING EXAMPLE:



FOR HORIZONTAL ELBOWS (90HB/60HB/45HB/30HB)



HORIZONTAL ELBOW COVER CATALOG NUMBERING EXAMPLE:



CCAPPA FASTENERS

A

PUSH PIN FASTENERS

Snap-in aluminum fasteners requires no tools and work with many of our elbows, splices and other accessories. Included wave washer and locking pin design keeps connections secure.



COMPLETE CAT. NO.

CCAPPA

TRADITIONAL FASTENERS

Metallic fasteners for all elbows, splices and accessories.



	COMPLETE CAT. NO.	DESCRIPTION	SIZE
GE	DS-8926-01-GE	KNURLED BOLT	$\frac{3}{8}$ " - 16x $\frac{3}{4}$ "
S6	DS-8926-01-S6		
GE	DS-8927-01-GE	FLANGED HEX NUT	$\frac{3}{8}$ " DIA.
S6	DS-8927-01-S6		

SCREWS

Screws for elbow cover to elbow connections.



COMPLETE CAT. NO.

DS-9006-S4

QUANTITY OF COVER SCREWS REQUIRED

HORIZONTAL/VERTICAL ELBOWS 12" R	6
HORIZONTAL/VERTICAL ELBOWS 90° 24" R	8
HORIZONTAL/VERTICAL ELBOWS 60°, 45°, 30° 24" R	6

CC-A-GHD HOLD DOWN GUIDE CLAMP

A

Slotted design fits into side channels in aluminum tray. Mounting hole design allows for tray expansion or clamping. Rotate clamp to switch between hold down clamp and guide (for expansion). Clamp is sized for 3/8" hardware (purchased separately).



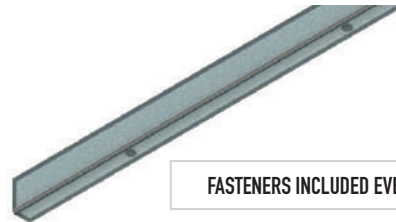
COMPLETE CAT. NO.

CC-A-GHD



DIV STRAIGHT HORIZONTAL DIVIDER

A G T



FASTENERS INCLUDED EVERY FOOT OF DIVIDER

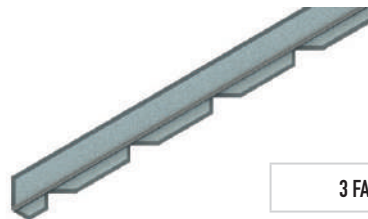
S6

CATALOG NUMBERING EXAMPLE:

TRAY TYPE	MATERIAL	PRODUCT TYPE	LENGTH	HARDWARE TYPE
CC - Cable Channel	A	DIV - Straight Horizontal divider	120"	S6 - 316L Stainless

DIVF FLEXIBLE HORIZONTAL DIVIDER

A G T



3 FASTENERS INCLUDED

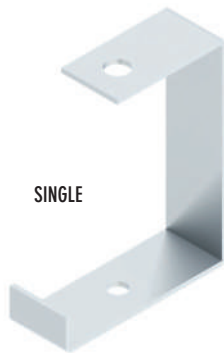
S6

CATALOG NUMBERING EXAMPLE:

TRAY TYPE	MATERIAL	PRODUCT TYPE	HARDWARE TYPE
CC - Cable Channel	A	DIVF - Flexible Horizontal Divider	S6 - 316L Stainless

OVERHEAD HANGER BRACKET

G T



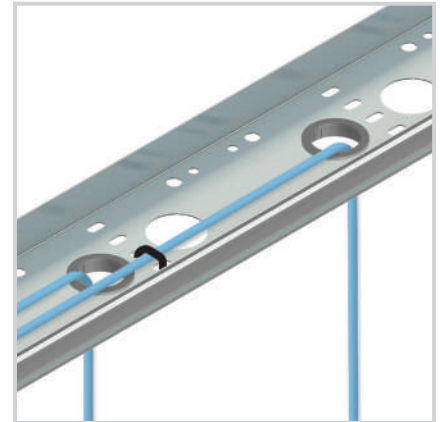
CATALOG NUMBERING EXAMPLE:

G - 0 3 3 3 - 0 4		
MATERIAL	ROD SIZE	WIDTH
G	0333 - 1/2"	04 - 4"
T	0341 - 3/8"	06 - 6"

CC-B
CABLE CHANNEL BUSHING

A

Snaps into 2-1/4" pre-punched holes in vented tray or horizontal connectors to protect cable drops.



COMPLETE CAT. NO.

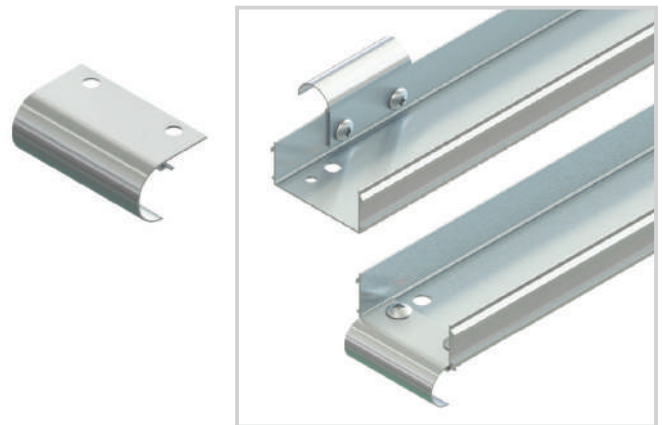
A CC-B

CBC/BE
CHANNEL-TO-BOX/BLIND END CONNECTOR

A


DO
CABLE DROPOUT

A



FASTENERS INCLUDED

GE S6

CATALOG NUMBERING EXAMPLE:

C C - 4 A - C B C / B E - G E			
TRAY TYPE	MATERIAL	PRODUCT TYPE	HARDWARE TYPE
CC - Cable Channel	A	CBC/BE - Blind End Plate	GE - Geomet
WIDTH			S6 - 316L Stainless
4"			
6"			

FASTENERS INCLUDED

GE S6

CATALOG NUMBERING EXAMPLE:

C C - 4 A - D O - G E			
TRAY TYPE	MATERIAL	PRODUCT TYPE	HARDWARE TYPE
CC - Cable Channel	A	DO - Cable Dropout	GE - Geomet
WIDTH			S6 - 316L Stainless
4"			
6"			

METALLIC CABLE CHANNEL

METALLIC

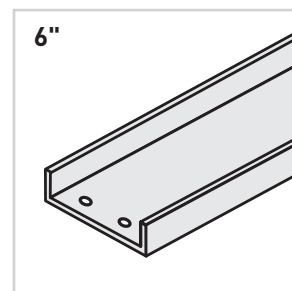
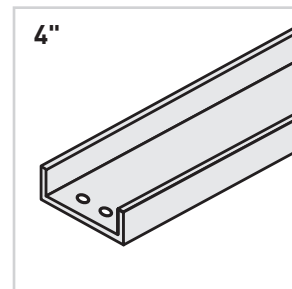
G	HOT-DIP GALVANIZED STEEL
T	STAINLESS STEEL

Cable Channel metallic tray is also offered in a hot-dipped galvanized finish and 316L stainless steel for applications that utilize corrosive chemicals or wash down areas in food processing and packaging facilities. It is commonly used for small runs of cable and for drops from the main cable tray run to equipment or junction boxes.

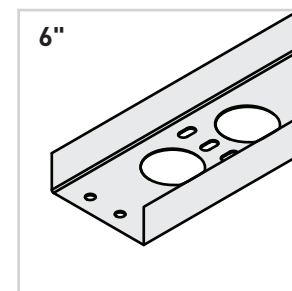
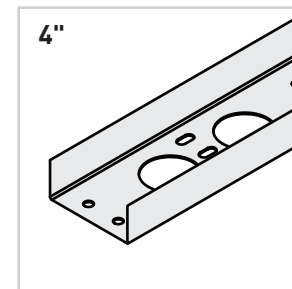
Channel tray is a fabricated metal tray constructed with a choice of a one-piece ventilated bottom or solid bottom. Our product line includes a complete line of accessories including covers and fittings designed to support large-diameter cables.

- Solid and ventilated bottom designs
- 4" and 6" widths
- 12" and 24" radius horizontal and vertical fittings
- Complete range of splices, connectors and mounting options

CHANNEL TRAY SOLID BOTTOM



CHANNEL TRAY VENTILATED BOTTOM



CHANNEL SYSTEMS

WIDTHS (W) INCHES

4 | 6

LENGTHS (L) FEET

10 | 12

CATALOG NUMBERING EXAMPLE:

1 5 0 9 - 0 0 1 0 - 0 4

TRAY TYPE

1509

3529

LENGTH

0010 - 10'

0012 - 12'

WIDTH

04 - 4"

06 - 6"

CATALOG NUMBERING EXAMPLE:

C C V - G - S 1 2 0 - 0 4

TRAY TYPE

CCV - Vented

MATERIAL

G

T

LENGTH

S120 - 10'

S144 - 12'

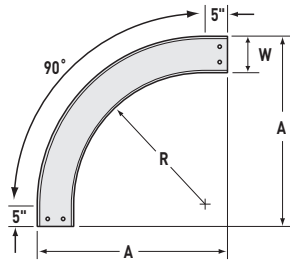
WIDTH

04 - 4"

06 - 6"

HORIZONTAL 90° ELBOW

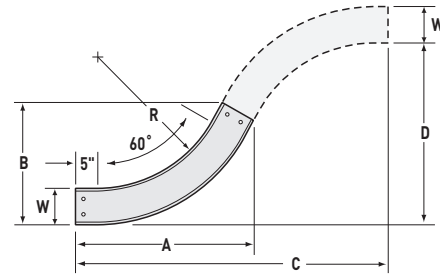
G T



PRODUCT NUMBER RADIUS (IN.)	W	A	B	C	D
9012	4	21	-	-	-
12	6	23	-	-	-
9024	4	33	-	-	-
24	6	35	-	-	-

HORIZONTAL 60° ELBOW

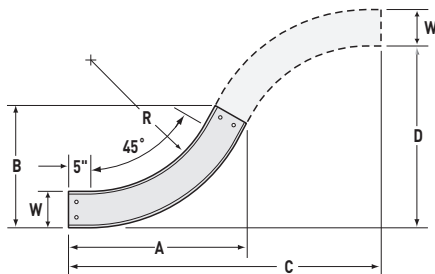
G T



PRODUCT NUMBER RADIUS (IN.)	W	A	B	C	D
6012	4	21 $\frac{3}{8}$	14 $\frac{3}{8}$	39 $\frac{1}{8}$	22 $\frac{3}{8}$
12	6	23 $\frac{1}{8}$	16 $\frac{3}{8}$	41	23 $\frac{3}{8}$
6024	4	31 $\frac{1}{8}$	20 $\frac{3}{8}$	60	34 $\frac{3}{8}$
24	6	33 $\frac{1}{2}$	22 $\frac{3}{8}$	61 $\frac{1}{8}$	35 $\frac{3}{8}$

HORIZONTAL 45° ELBOW

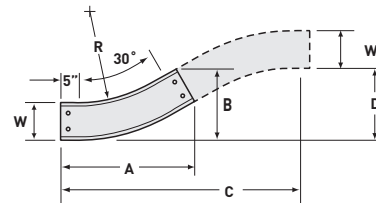
G T



PRODUCT NUMBER RADIUS (IN.)	W	A	B	C	D
4512	4	19 $\frac{7}{8}$	11 $\frac{1}{8}$	36 $\frac{7}{8}$	15 $\frac{1}{4}$
12	6	21 $\frac{1}{4}$	13 $\frac{1}{8}$	38 $\frac{1}{4}$	15 $\frac{7}{8}$
4524	4	28 $\frac{3}{8}$	14 $\frac{5}{8}$	53 $\frac{3}{8}$	22 $\frac{3}{8}$
24	6	29 $\frac{3}{4}$	16 $\frac{5}{8}$	55 $\frac{1}{4}$	22 $\frac{7}{8}$

HORIZONTAL 30° ELBOW

G T



PRODUCT NUMBER RADIUS (IN.)	W	A	B	C	D
3012	4	17 $\frac{3}{8}$	8 $\frac{1}{8}$	32 $\frac{3}{8}$	8 $\frac{1}{4}$
12	6	18 $\frac{3}{8}$	10 $\frac{1}{8}$	33 $\frac{3}{8}$	9
3024	4	23 $\frac{3}{8}$	9 $\frac{3}{8}$	44 $\frac{3}{8}$	12
24	6	24 $\frac{3}{8}$	11 $\frac{3}{8}$	45 $\frac{3}{8}$	12 $\frac{1}{4}$

WIDTHS (W) INCHES

4 | 6

RADIUS (R) INCHES

12 | 24

36" Radius elbows are
available upon request.

HORIZONTAL ELBOW CATALOG NUMBERING EXAMPLE:

SYSTEM NO. PRODUCT NO. WIDTH
1509 - 9012 - 06

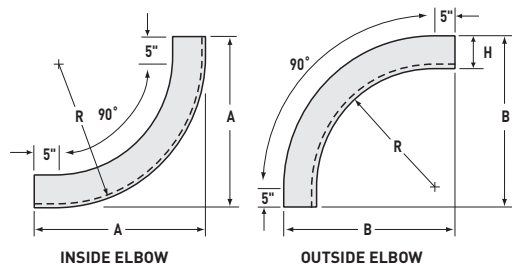
This identifies the solid bottom
straight section tray to be used
as a catalog number prefix for
all fittings. All fittings are solid
bottom only and can be used
with ventilated bottom tray.

1509 - **G**
3529 - **T**

04 - 4"
06 - 6"

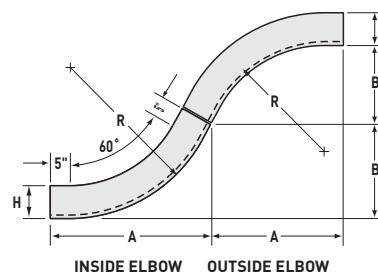
VERTICAL 90° ELBOW

G T



VERTICAL 60° ELBOW

G T

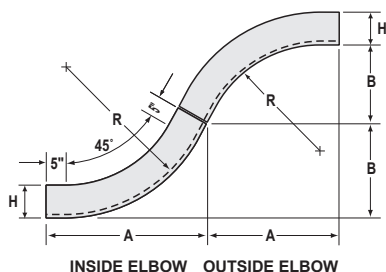


PRODUCT NUMBER RADIUS (IN.)		W	A	B
INSIDE	OUTSIDE			
9112 12	9212 12	4	17	18 $\frac{3}{8}$
		6		
9124 24	9224 24	4	29	30 $\frac{3}{8}$
		6		

PRODUCT NUMBER RADIUS (IN.)		W	A	B
INSIDE	OUTSIDE			
6112 12	6212 12	4	17 $\frac{7}{8}$	10 $\frac{3}{8}$
		6		
6124 24	6224 24	4	28 $\frac{1}{4}$	16 $\frac{3}{8}$
		6		

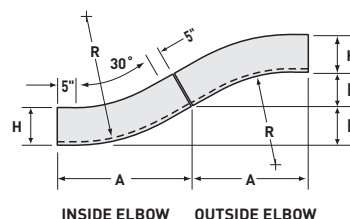
VERTICAL 45° ELBOW

G T



VERTICAL 30° ELBOW

G T



PRODUCT NUMBER RADIUS (IN.)		W	A	B
INSIDE	OUTSIDE			
4612 12	4712 12	4	17	7
		6		
4624 24	4724 24	4	25 $\frac{1}{2}$	10 $\frac{5}{8}$
		6		

PRODUCT NUMBER RADIUS (IN.)		W	A	B
INSIDE	OUTSIDE			
3112 12	3212 12	4	15 $\frac{3}{8}$	4 $\frac{1}{8}$
		6		
3124 24	3224 24	4	21 $\frac{3}{8}$	5 $\frac{3}{8}$
		6		

WIDTHS (W) INCHES

4 | 6

RADIUS (R) INCHES

12 | 24

36" Radius elbows are available upon request.

VERTICAL ELBOW CATALOG NUMBERING EXAMPLE:

SYSTEM NO. PRODUCT NO. WIDTH
1509 - 9112 - 04

This identifies the solid bottom straight section tray to be used as a catalog number prefix for all fittings. All fittings are solid bottom only and can be used with ventilated bottom tray.

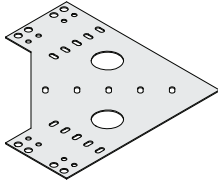
1509 - **G**
3529 - **T**

04 - 4"
06 - 6"

H90C HORIZONTAL 90° CONNECTOR

G T

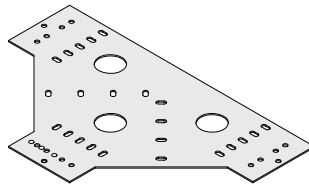
Bonding jumpers are required.



HTC HORIZONTAL TEE CONNECTOR

G T

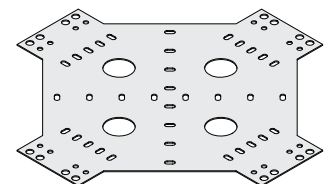
Bonding jumpers are required.



HXC HORIZONTAL CROSS CONNECTOR

G T

Bonding jumpers are required.



FASTENERS INCLUDED

GE S6

CATALOG NUMBERING EXAMPLE:

CCV - G - H90C - GE

TRAY TYPE
CCV - Vented

MATERIAL
G

PRODUCT TYPE
H90C - Horizontal
90° Connector

HARDWARE TYPE
GE - Geomet
S6 - 316L Stainless

FASTENERS INCLUDED

GE S6

CATALOG NUMBERING EXAMPLE:

CCV - G - HTC - GE

TRAY TYPE
CCV - Vented

MATERIAL
G

PRODUCT TYPE
HTC - Horizontal
Tee Connector

HARDWARE TYPE
GE - Geomet
S6 - 316L Stainless

FASTENERS INCLUDED

GE S6

CATALOG NUMBERING EXAMPLE:

CCV - G - HXC - GE

TRAY TYPE
CCV - Vented

MATERIAL
G

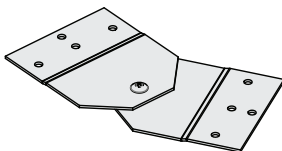
PRODUCT TYPE
HXC - Horizontal
Cross Connector

HARDWARE TYPE
GE - Geomet
S6 - 316L Stainless

HASP HORIZONTAL ADJUSTABLE SPLICE

G T

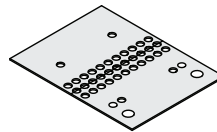
Adjusts to any horizontal angle needed.



VASP VERTICAL ADJUSTABLE SPLICE

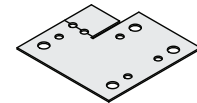
G T

Adjusts to any vertical angle needed.



RSP CHANNEL REDUCER SPLICE

G T

Fold up tab blocks open section of tray.
Bonding jumpers are required.


FASTENERS INCLUDED

GE S6

CATALOG NUMBERING EXAMPLE:

CC - 4 G - HASP - GE

TRAY TYPE
CC - Cable
Channel

WIDTH
4"
6"

MATERIAL
G

PRODUCT TYPE
HASP - Horizontal
Adjustable Splice

HARDWARE TYPE
GE - Geomet
S6 - 316L Stainless

FASTENERS INCLUDED

GE S6

CATALOG NUMBERING EXAMPLE:

CC - 4 G - VASP - GE

TRAY TYPE
CC - Cable
Channel

WIDTH
4"
6"

MATERIAL
G

PRODUCT TYPE
VASP - Vertical
Adjustable Splice

HARDWARE TYPE
GE - Geomet
S6 - 316L Stainless

FASTENERS INCLUDED

GE S6

CATALOG NUMBERING EXAMPLE:

CC - 4 G - RSP - GE

TRAY TYPE
CC - Cable
Channel

WIDTH
4"
6"

MATERIAL
G

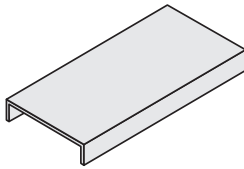
PRODUCT TYPE
RSP - Channel
Reducer Splice

HARDWARE TYPE
GE - Geomet
S6 - 316L Stainless

CHANNEL COVER

G T

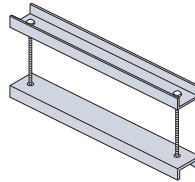
FLAT FLANGED



COVER CLAMP

G T

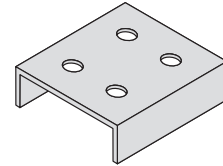
CHANNEL-STYLE



STANDARD SPLICE

G T

Splices are sold separately.



CATALOG NUMBERING EXAMPLE:

1 0 8 5 - 0 0 0 5 - 0 4

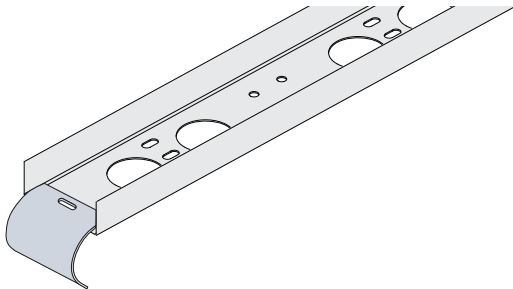
TRAY TYPE	LENGTH	WIDTH
1085 - G	0005 - 5'	04 - 4"
3095 - T	0006 - 6'	06 - 6"

PRODUCT NUMBER	FASTENERS
1400	S6
CATALOG NUMBERING EXAMPLE:	
Material	Width Fasteners
G - 1400	- 04 - S6

PRODUCT NO.	FASTENERS INCLUDED
1301	GE S6
CATALOG NUMBERING EXAMPLE:	
Material	Width Fasteners
G - 1301	- 04 - GE

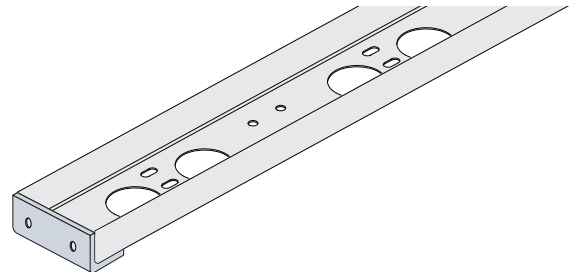
CABLE DROPOUT

G T



CBC/BE CHANNEL-TO-BOX/BLIND END CONNECTOR

G T

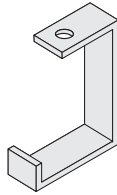


PRODUCT NUMBER	RADIUS	FASTENERS INCLUDED
0253	3/4"	S6
CATALOG NUMBERING EXAMPLE:		
Material	Width	Fasteners
G - 0253	- 04	- S6

FASTENERS INCLUDED	GE S6
CATALOG NUMBERING EXAMPLE:	
TRAY TYPE CC - Cable Channel	MATERIAL G
WIDTH 4" 6"	PRODUCT TYPE CBC/BE - Blind End Plate
	HARDWARE TYPE GE - Geomet S6 - 316L Stainless

OVERHEAD HANGER BRACKET

G T

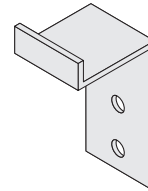


CATALOG NUMBERING EXAMPLE:

G - 0 3 3 3 - 0 4		
MATERIAL	ROD SIZE	WIDTH
G	0333 - 1/2"	04 - 4"
T	0341 - 3/8"	06 - 6"

WALL BRACKET

G T



CATALOG NUMBERING EXAMPLE:

G - 1 8 0 3 - 0 4		
MATERIAL	PRODUCT	WIDTH
G	1803	04 - 4"
T		06 - 6"

WMC2LA
WIRE MESH CABLE TRAY-TO-LADDER CLAMP

GC IN304

Cable Channel easily attaches to ITray for branch circuits or drops.

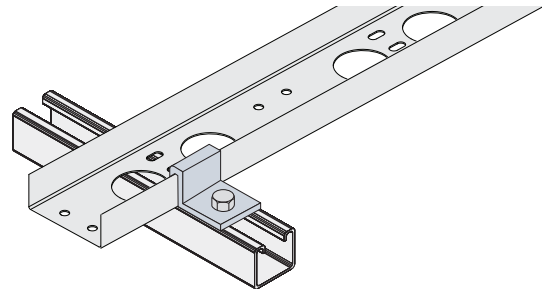


CATALOG NUMBERING EXAMPLE:

W M C 2 L A - G C	
PRODUCT NUMBER	MATERIAL
	GC
	IN304

HOLD DOWN CLAMP

G T



PRODUCT NUMBER

1870

CATALOG NUMBERING EXAMPLE:

Material
T - 1870

WIDTHS (W) INCHES

4 | 6

B.107



TROUGH TRAY

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SUPPORTS & ACCESSORIES

PAGES C.14-C.23

INSTALLATIONS

PAGES C.24-C.27

SPECIFICATIONS

PAGES C.28-C.29



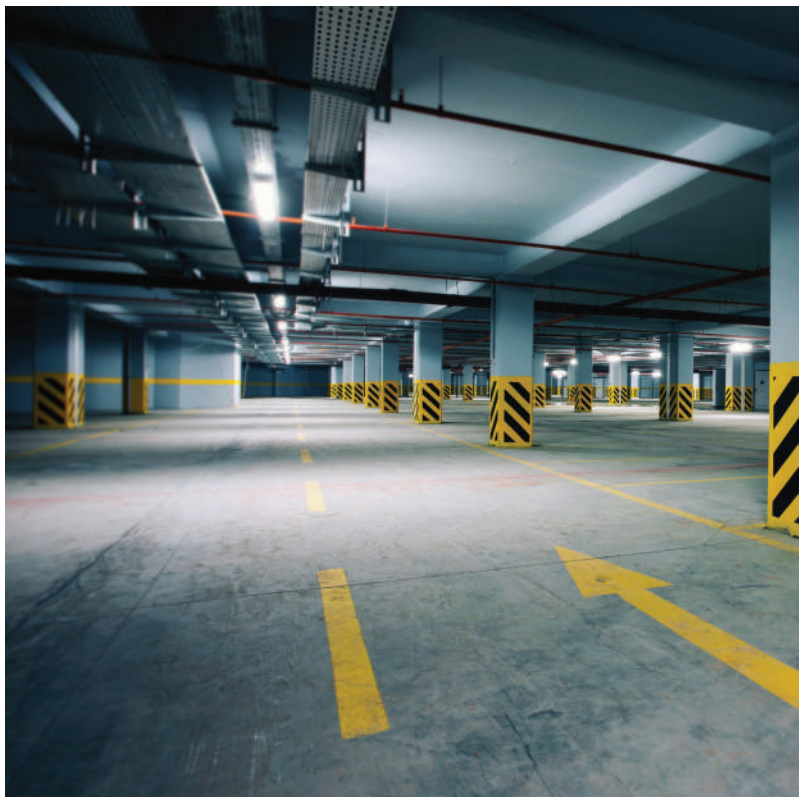
TROUGH TRAY

Quality Makes the Difference

Legrand continues to be an innovator in cable management solutions and is proud to introduce Cablofil Trough Tray, a cable management system designed to maximize network reliability and minimize lifecycle costs. Our **Fiber Trough** design utilizes high strength steel components to provide the strength and durability required to manage fiber optic or copper cabling in the most demanding data center environments. **V-Trough** provides protection for power cables, keeping them cool and accessible.

Cablofil trough trays are manufactured to exacting standards so that all components fit together perfectly and install with ease. The design includes rolled top edges to add strength and allows the covers to snap in place. It eliminates sharp top edges to keep installers and cables safe. Innovative built-in splices minimizes jobsite fabrication and requires little training for most installers, moving on and off the project quickly.

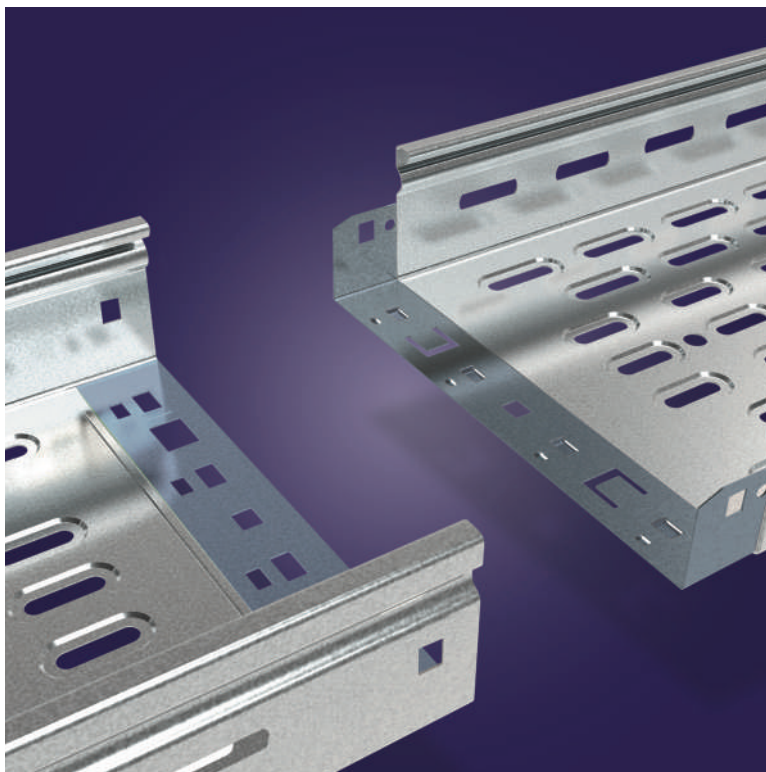
Cablofil trough tray gives any installation a professional look with finishes and colors to match the environment. It is the ultimate protection for your cables.



V-TROUGH VENTILATED TRAY

Keep Your Cables **Out of Sight** and **Secure**

V-Trough cable tray keeps cabling cool, protected and easy to manage. Its high-strength steel construction matches many European OEM specifications and is available in smaller sizes for control and instrumentation cabling. The open tray design allows ready access to cables and additional cabling can be added with ease. Covers are available for complete security. V-Trough is manufactured to exacting standards so that all components fit together perfectly, making installation a snap.



Ventilated Design All V-Trough straight sections are ventilated to reduce cable bundle heating, and to keep mold and moisture from building up within the cable pathway.

Safe and Strong All steel construction provide the ultimate protection to cable bundles. All edges are rounded and eased in the fabrication process to keep cable insulation undamaged during installation.

Access and Security The V-Trough line includes solid covers for all straight and curved sections. Tool-less cover removal allows easy cable access for future cable additions and maintenance. They can also be bolted in place for security.

FIBER TROUGH CABLE TRAY

The **Steel** Alternative

Fiber Trough is designed to maximize network reliability and minimize lifecycle costs. It utilizes high strength steel components to provide the strength and durability required to manage fiber cabling in the most demanding data center environments. It provides the ultimate in protection and is manufactured to exacting standards so that all components fit perfectly and install with ease.

STEEL vs. PLASTIC

Steel Lasts Most cable routing systems manufactured from molded plastic can sag, lose their shape, discolor and even degrade due to exposure to UV light and other environmental conditions. Steel retains its color and shape over time regardless of the application or environment.

Steel tray requires fewer supports Plastic is generally heavier and requires more supports on longer runs. Steel is lighter and more rigid reducing deflection. On longer runs Fiber Trough requires one-half as many supports, reducing installation time overall.

Protection from EMI EMI from transformers or high voltage cables can cause signal interference for copper data cables. Fiber Trough's steel construction can be properly bonded to eliminate EMI and reduce noise and attenuation.



TROUGH TRAY

The Simple **Difference**

Fluid Design The built-in radius of Cablofil Trough tray effectively eliminates any sharp angles and bends in the cable pathway that cause pinching and micro crack stresses in fiber optic cabling. Its one-piece design integrates the side rails and bottom for a cable pathway that eliminates cable snagging. The end result is a simple and elegant finished installation.

Precision Fit Trough tray's all steel construction allows it to be manufactured to precise standards so that tray sections easily fit together and covers snap in place with ease during the installation process. Cablofil trough tray includes a variety of bends and turns needed for any installation application.

Cable Protection All steel construction provides the ultimate protection for fragile fiber optic and copper cables. It keeps cables safe from cuts, crushing problems and improper bend radius issues. All edges are rounded and eased in the fabrication process to ensure the cable insulation and installer is kept safe during installation. The vented trough perforations are recessed to keep the edges away from the cables and stiffen the tray.

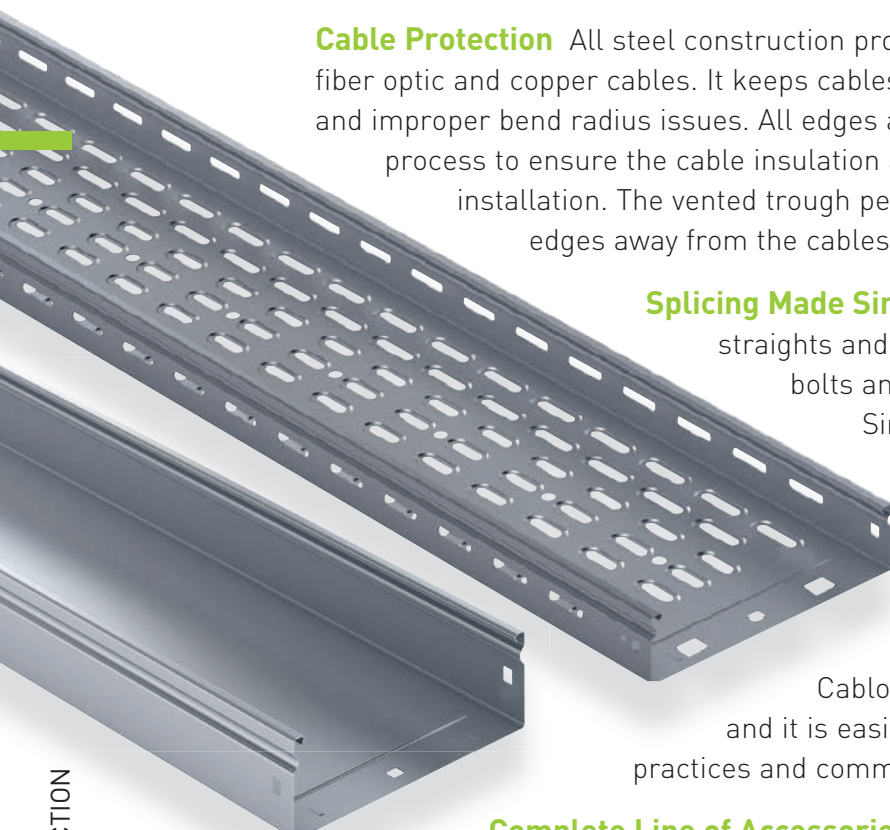
Splicing Made Simple With splicing built into both straights and fittings, all that is needed is a few 6mm bolts and nuts to complete the connection.

Simplify your BOM by eliminating the need to plan/order/install fittings. All you need is number of tray, number of FTUS and you are done!

Designed for Installation Ease

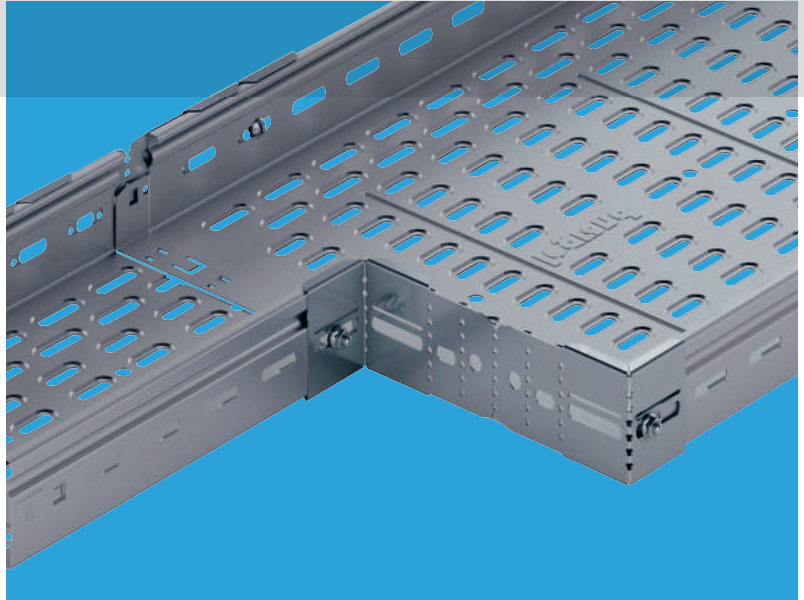
Easy installation means lower costs. Cablofil Trough Tray installs with few parts and it is easily installed using standard construction practices and common tools.

Complete Line of Accessories All bends and turns necessary for any installation are available. Other accessories include cable drops, size reductions, cabinet connections and supports.



Easy Splicing

Our new splice design is more adaptable than anything on the market – angles, bends, tees and reductions – this splice does it all. The FTUS eliminates the need to plan, order and install special fittings and simplifies your bill of materials. And field modifications are simple when installing Cablofil Trough Tray. It's available in two sizes to fit your tray depth.



Finishes that Last

Cablofil trough tray is stocked in durable pre-galvanized and textured flat black powder coat finishes that resist corrosion over the lifetime of the installation. A white powder coat finish is optional (contact Cablofil for availability.)

FINISHES

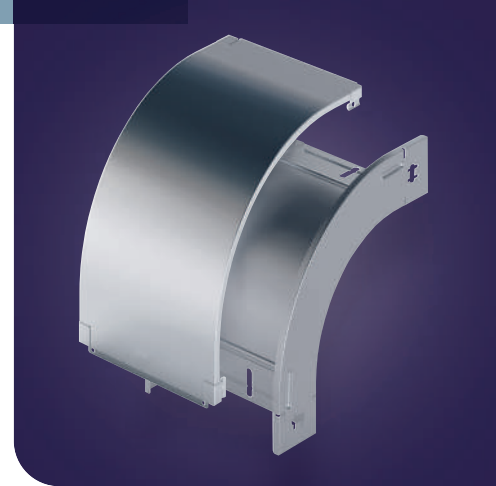
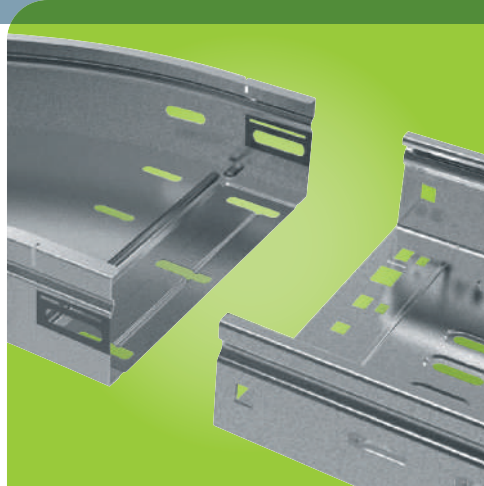
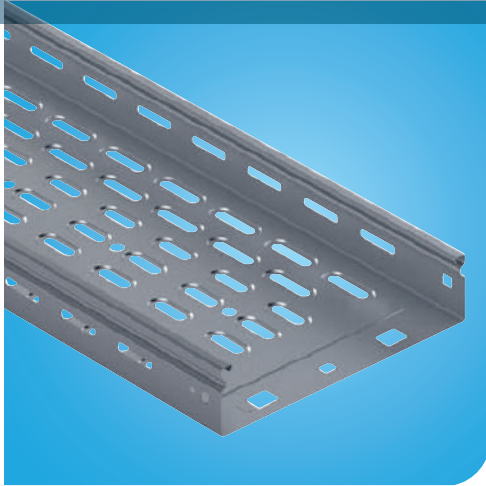
STANDARD	PG	Carbon Steel ASTM A510 Grade 1008	Pre-Galvanized: Continuous Galvanization Before Fabrication ASTM A 653
	BL	Carbon Steel ASTM A510 Grade 1008	Black Painted: Black Powder Coated ASTM D 3451

*For additional colors contact manufacturer for availability



INTRODUCTION

TRAY, SPLICING & FITTINGS



C.8 FT
STRAIGHT SECTION TRAY

C.9 VT
VENTILATED STRAIGHT
SECTION TRAY

C.8, 9 FTC
STRAIGHT TRAY COVERS

C.10 FTUS
UNIVERSAL ADJUSTABLE
SPLICE

C.11 FTEF
FAS SPLICE

C.11 FTT
HORIZONTAL TEE

C.11 FTTC
HORIZONTAL TEE COVER

C.12 FTFB90
HORIZONTAL 90° ELBOW

C.12 FTCFB90
HORIZONTAL 90° ELBOW
COVER

C.12 FTFB45
HORIZONTAL 45° ELBOW

C.12 FTCFB45
HORIZONTAL 45° ELBOW COVER

C.13 FTVI90
VERTICAL 90° INSIDE ELBOW

C.13 FTCVI90
VERTICAL 90° INSIDE ELBOW COVER

C.13 FTV090
VERTICAL 90° OUTSIDE ELBOW

C.13 FTCV090
VERTICAL 90° OUTSIDE ELBOW COVER

- Strong corrosion-resistant steel construction
- Ventilated tray reduces cable heating, mold and moisture buildup
- Rolled edge for cable protection
- 18-22 gage steel (t)
- Unique design allows covers to snap on
- Covers work with both solid and ventilated tray
- Universal splicing system reduces need for formed fittings.

Use these cable fill tables to determine the tray size(s) needed for your installation.

TRAY	DATA CABLE FILL TABLE				MC POWER CABLE FILL TABLE	
	MAX NUMBER OF CABLES PER CODE				MAX NUMBER OF CABLES PER CODE	
	Cat 5e 4-pr Plenum (.17")	Cat 5e 4-pr Non-Plenum (.19")	Cat 6e 4-pr Plenum (.22")	Cat 6a 4-pr Plenum (.35")	2C (12 AWG) THHN TypeMC AlumArmor	3C (12 AWG) THHN TypeMC AlumArmor
50/50 (2x2)	88	71	53	20	11	10
50/100 (2x4)	177	142	106	41	23	21
50/200 (2x8)	355	284	212	83	47	42
50/300 (2x12)	532	426	318	125	71	63
100/100 (4x4)	351	281	209	82	23	21
100/200 (4x8)	703	563	419	165	47	42
100/300 (4x12)	1055	844	629	248	71	63
100/500 (4x20)	1758	1407	1049	414	119	105
100/600 (4x24)	2110	1689	1259	497	143	126

CABLE CAPACITY (BASED ON 40% FILL *)										
TROUGH TRAY SERIES		50/50	50/100	50/200	50/300	100/100	100/200	100/300	100/500	100/600
TRAY SIZE (HxW-IN)		2x2	2x4	2x8	2x12	4x4	4x8	4x12	4x20	4x24
CABLE FILL AREA (IN²)		3.875	7.75	15.5	23.25	15.5	31	46.5	77.5	93
CABLE TYPE†	AREA	NUMBER OF CABLES								
Fiber - 0.063" (1.6mm)	0.003	497	994	1988	2983	1988	3977	5966	9944	11933
Fiber - 0.079" (2.0mm)	0.005	316	632	1264	1897	1264	2529	3794	6324	7589
Fiber - 0.118" (3.0mm)	0.011	141	283	566	850	566	1133	1700	2834	3401
Ribbon - 0.205" (5.2mm)	0.033	46	93	187	281	187	375	563	939	1127
Category 5E - 0.17" (4.32mm)	0.023	68	136	273	409	273	546	819	1365	1638
Category 6- 0.24" (6.1mm)	0.045	34	68	137	205	137	274	411	685	822
Category 6A - 0.30" (7.6mm)	0.071	21	43	87	131	87	175	263	438	526

*40% fill represents the maximum number of cables that can be practically installed (tray is piled to top of siderails with cable due to cable straightness and gaps between cables). Tray dimensions are nominal.

†Typical cable diameters - for exact results, use the installed cable diameter provided by manufacturer)

FT
STRAIGHT SECTION TRAY

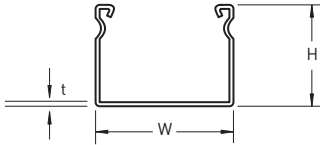
FT 50



BASE	HEIGHT (H)		WIDTH (W)		LENGTH		PG	BL
	IN	MM	IN	MM	FT	M		
FT 50/50	2	50	2	50	10	3	S	M
FT 50/100	2	50	4	100	10	3	S	M
FT 50/200†	2	50	8	200	10	3	S	M
FT 50/300†	2	50	12	300	10	3	S	M
FT 100/100	4	100	4	100	10	3	S	M
FT 100/200	4	100	8	200	10	3	S	M
FT 100/300	4	100	12	300	10	3	S	M
FT 100/500†	4	100	20	500	10	3	S	M
FT 100/600†	4	100	24	600	10	3	S	M

*For additional colors contact manufacturer for availability
† Ribbed bottom for additional rigidity

FT 100



FTC



COVER	WIDTH (W)		LENGTH		PG	BL
	IN	MM	FT	M		
FTC 50	2	50	10	3	S	M
FTC 100	4	100	10	3	S	M
FTC 200	8	200	10	3	S	M
FTC 300	12	300	10	3	S	M
FTC 500	20	500	10	3	S	M
FTC 600	24	600	10	3	S	M

*For additional colors contact manufacturer for availability

- 18 gage steel
- All covers are solid. Ventilated covers are not available.
- Splicing sold separately.

VT VENTILATED STRAIGHT SECTION TRAY

VT 50

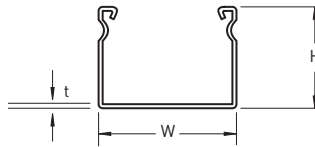
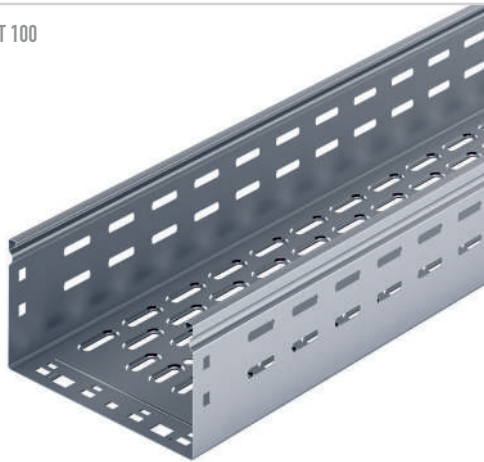


BASE	HEIGHT (H)		WIDTH (W)		LENGTH		PG	BL
	IN	MM	IN	MM	FT	M		
VT 50/50	2	50	2	50	10	3	S	M
VT 50/100	2	50	4	100	10	3	S	M
VT 50/200†	2	50	8	200	10	3	S	M
VT 50/300†	2	50	12	300	10	3	S	M
VT 100/100	4	100	4	100	10	3	S	M
VT 100/200	4	100	8	200	10	3	S	M
VT 100/300	4	100	12	300	10	3	S	M
VT 100/500†	4	100	20	500	10	3	S	M
VT 100/600†	4	100	24	600	10	3	S	M

*For additional colors contact manufacturer for availability

† Ribbed bottom for additional rigidity

VT 100



FTC

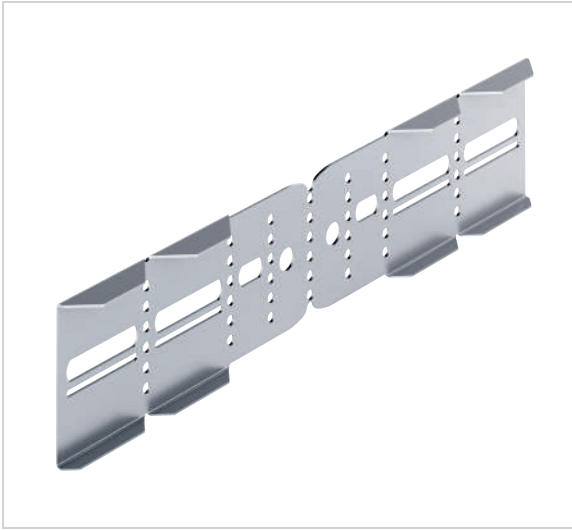


COVER	WIDTH (W)		LENGTH		PG	BL
	IN	MM	FT	M		
FTC 50	2	50	10	3	S	M
FTC 100	4	100	10	3	S	M
FTC 200	8	200	10	3	S	M
FTC 300	12	300	10	3	S	M
FTC 500	20	500	10	3	S	M
FTC 600	24	600	10	3	S	M

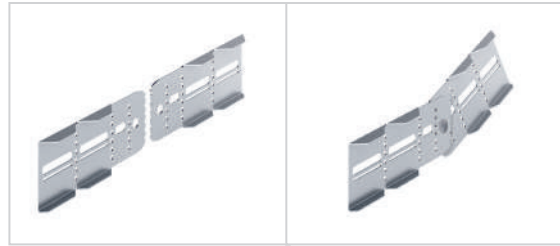
*For additional colors contact manufacturer for availability

- 18 gage steel
- All covers are solid. Ventilated covers are not available.
- Splicing sold separately.

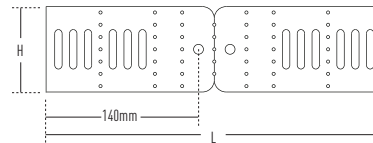
FTUS UNIVERSAL ADJUSTABLE SPLICE



- Eliminates the need for specialized fittings
- One splice performs many functions
- Fabricates tees, reductions and level changes on-site
- Field bend to create one-sided reduction/expansion of 2", 4", 6", or 8"
- Field snap apart to make vertical adjustment splice plate
- ¼" hardware included for adjustable splice plate

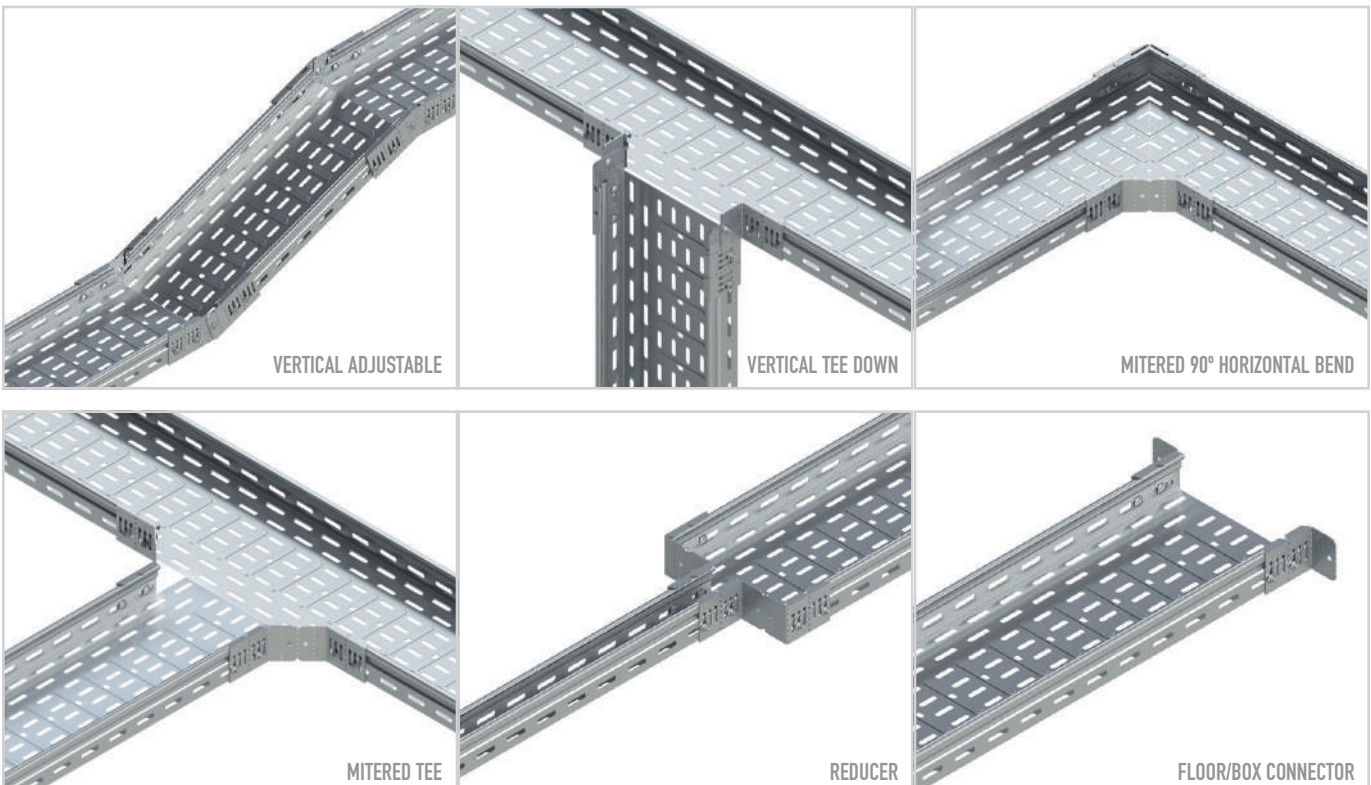


	PKG QTY	HEIGHT (H)		LENGTH (L)		WEIGHT		PG	BL
	PCS	IN	MM	IN	MM	LBS	KG		
FTUS 50KIT	1	2.1	52	11.8	300	2	50	S	S
FTUS 100KIT	1	4.1	104	11.8	300	4	100	S	S



*For additional colors contact manufacturer for availability

APPLICATIONS



FTEF

M6 HARDWARE INCLUDED SPLICE



- Connects straight sections and fittings
- Captive hardware makes installation simple (included)
- Splice is UL listed for bonding and grounding

	PKG QTY	HEIGHT		PG	BL
	PCS	IN	MM		
FTEF 50	1	2.0	50	S	S
FTEF 100	1	4.0	100	S	S

*For additional colors contact manufacturer for availability

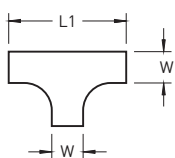
FTT

HORIZONTAL TEE



BASE	HEIGHT		WIDTH (W)		LENGTH (L1)		PG	BL
	IN	MM	IN	MM	IN	MM	STANDARD	
FTT 50/50	2	50	2	50	6	150	S	M
FTT 50/100	2	50	4	100	14	360	S	M
FTT 50/200	2	50	8	200	18	460	S	M
FTT 50/300	2	50	12	300	22	560	S	M
FTT 100/100	4	100	4	100	14	360	S	M
FTT 100/200	4	100	8	200	18	460	S	M
FTT 100/300	4	100	12	300	22	560	S	M
FTT 100/500	4	100	20	500	36	900	S	M
FTT 100/600	4	100	24	600	40	1000	S	M

*For additional colors contact manufacturer for availability

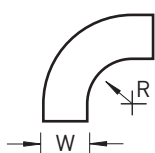
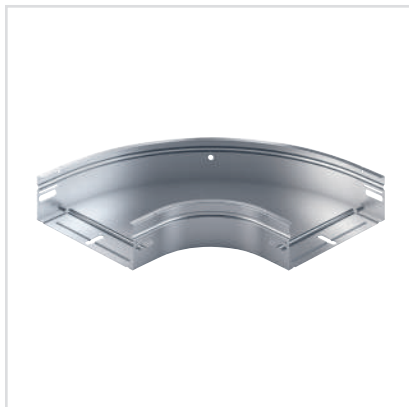


- All fittings and covers are solid.
- Cover sold separately.

COVER	WIDTH		PG	BL
	IN	MM	STANDARD	
FTTC 50	2	50	S	M
FTTC 100	4	100	S	M
FTTC 200	8	200	S	M
FTTC 300	12	300	S	M
FTTC 500	20	500	S	M
FTTC 600	24	600	S	M

*For additional colors contact manufacturer for availability

FTFB90 HORIZONTAL 90° ELBOW



- All fittings and covers are solid.
- Cover sold separately.

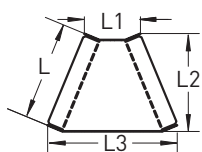
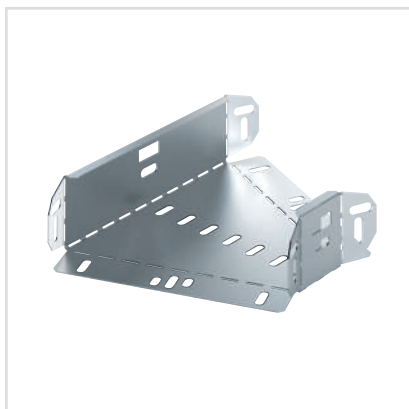
BASE	HEIGHT		WIDTH (W)		RADIUS (R)		PG	BL
	IN	MM	IN	MM	IN	MM		
FTFB90 50/50	2	50	2	50	4	100	S	M
FTFB90 50/100	2	50	4	100	4	100	S	M
FTFB90 50/200	2	50	8	200	4	100	S	M
FTFB90 50/300	2	50	12	300	4	100	S	M
FTFB90 100/100	4	100	4	100	9.6	244	S	M
FTFB90 100/200	4	100	8	200	9.6	244	S	M
FTFB90 100/300	4	100	12	300	9.6	244	S	M
FTFB90 100/500	4	100	20	500	9.6	244	S	M
FTFB90 100/600	4	100	24	600	9.6	244	S	M

*For additional colors contact manufacturer for availability

COVER	WIDTH		PG	BL
	IN	MM		
FTCFB90 50	2	50	S	M
FTCFB90 100	4	100	S	M
FTCFB90 200	8	200	S	M
FTCFB90 300	12	300	S	M
FTCFB90 500	20	500	S	M
FTCFB90 600	24	600	S	M

*For additional colors contact manufacturer for availability

FTFB45 HORIZONTAL 45° ELBOW



- All fittings and covers are solid.
- Cover sold separately.

BASE	HEIGHT		WIDTH (W)		RADIUS		PG	BL
	IN	MM	IN	MM	IN	MM		
FTFB45 50/50	2	50	2	50	0.8	20	M	M
FTFB45 50/100	2	50	4	100	4	100	M	M
FTFB45 50/200	2	50	8	200	4	100	M	M
FTFB45 50/300	2	50	12	300	4	100	M	M
FTFB45 100/100	4	100	4	100	4	100	M	M
FTFB45 100/200	4	100	8	200	4	100	M	M
FTFB45 100/300	4	100	12	300	4	100	M	M
FTFB45 100/500	4	100	20	500	6	150	M	M
FTFB45 100/600	4	100	24	600	6	150	M	M

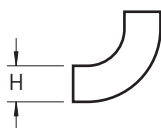
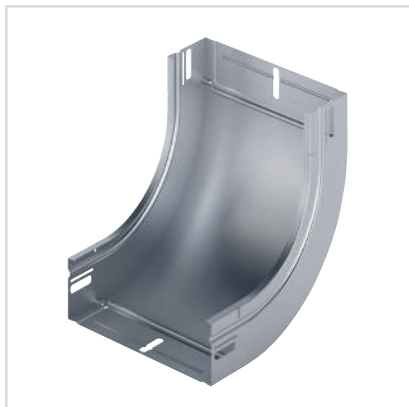
*For additional colors contact manufacturer for availability

COVER	WIDTH		PG	BL
	IN	MM		
FTCFB45 50	2	50	M	M
FTCFB45 100	4	100	M	M
FTCFB45 200	8	200	M	M
FTCFB45 300	12	300	M	M
FTCFB45 500	20	500	M	M
FTCFB45 600	24	600	M	M

*For additional colors contact manufacturer for availability

FTVI90

VERTICAL 90° INSIDE ELBOW



- All fittings and covers are solid.
- Cover sold separately.

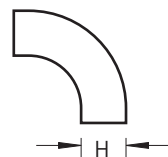
BASE	HEIGHT (H)		WIDTH		PG	BL
	IN	MM	IN	MM		
FTVI90 50/50	2	50	2	50	S	M
FTVI90 50/100	2	50	4	100	S	M
FTVI90 50/200	2	50	8	200	S	M
FTVI90 50/300	2	50	12	300	S	M
FTVI90 100/100	4	100	4	100	S	M
FTVI90 100/200	4	100	8	200	S	M
FTVI90 100/300	4	100	12	300	S	M
FTVI90 100/500	4	100	20	500	S	M
FTVI90 100/600	4	100	24	600	S	M

COVER	FITS TRAY HEIGHT		WIDTH		PG	BL
	IN	MM	IN	MM		
FTCVI90 50/50	2	50	2	50	S	M
FTCVI90 50/100	2	50	4	100	S	M
FTCVI90 50/200	2	50	8	200	S	M
FTCVI90 50/300	2	50	12	300	S	M
FTCVI90 100/100	4	100	4	100	S	M
FTCVI90 100/200	4	100	8	200	S	M
FTCVI90 100/300	4	100	12	300	S	M
FTCVI90 100/500	4	100	20	500	S	M
FTCVI90 100/600	4	100	24	600	S	M

*For additional colors contact manufacturer for availability

FTV090

VERTICAL 90° OUTSIDE ELBOW



- All fittings and covers are solid.
- Cover sold separately.

BASE	HEIGHT (H)		WIDTH		PG	BL
	IN	MM	IN	MM		
FTV090 50/50	2	50	2	50	S	M
FTV090 50/100	2	50	4	100	S	M
FTV090 50/200	2	50	8	200	S	M
FTV090 50/300	2	50	12	300	S	M
FTV090 100/100	4	100	4	100	S	M
FTV090 100/200	4	100	8	200	S	M
FTV090 100/300	4	100	12	300	S	M
FTV090 100/500	4	100	20	500	S	M
FTV090 100/600	4	100	24	600	S	M

COVER	FITS TRAY HEIGHT		WIDTH		PG	BL
	IN	MM	IN	MM		
FTCV090 50/50	2	50	2	50	S	M
FTCV090 50/100	2	50	4	100	S	M
FTCV090 50/200	2	50	8	200	S	M
FTCV090 50/300	2	50	12	300	S	M
FTCV090 100/100	4	100	4	100	S	M
FTCV090 100/200	4	100	8	200	S	M
FTCV090 100/300	4	100	12	300	S	M
FTCV090 100/500	4	100	20	500	S	M
FTCV090 100/600	4	100	24	600	S	M

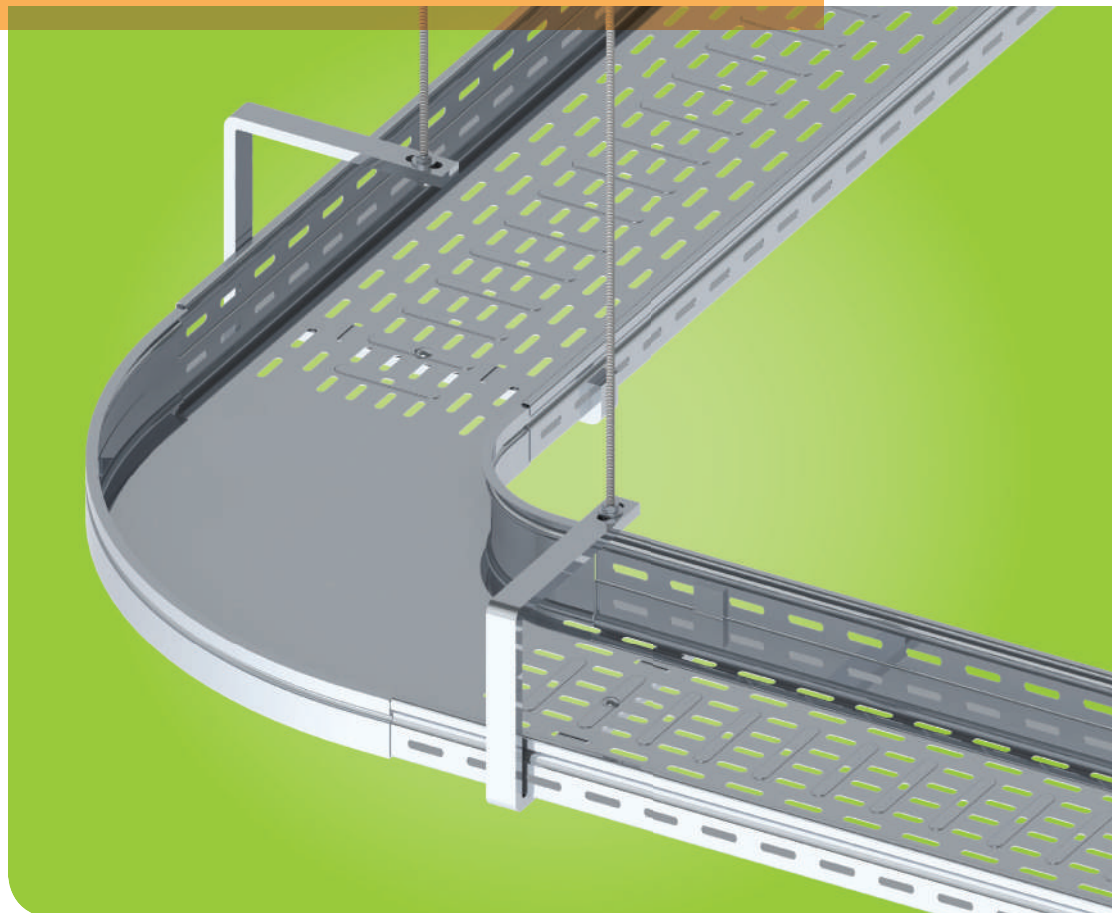
*For additional colors contact manufacturer for availability

For finish descriptions, see page C.5. For detailed dimensions, see pages C.28-C.29.

WWW.LEGRAND.US/CABLOFIL

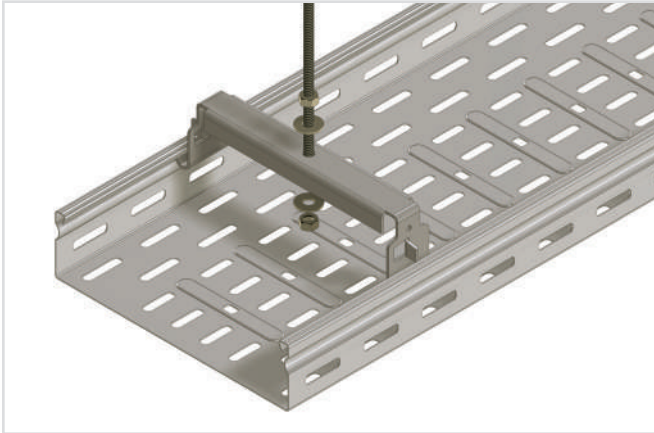
SUPPORTS & ACCESSORIES

- C.15 FTCH**
CENTER HANGER
- C.15 FTCHC**
CENTER HANGER
- C.16 AS**
TRAPEZE HANGING CLIP
- C.16 FTRB**
ROD BRACKET KIT
- C.16 FAS L**
BRACKET
- C.17 FASUCB**
UNIVERSAL BRACKET
- C.17 EDF**
RAIL
- C.18 PFREDF**
CEILING MOUNTING BRACKET
- C.18 ERD 10**
BRACE PLATE
- C.18 DF**
FLOOR SUPPORT BRACKET
- C.19 FTCFCL**
COVER FASTENING CLIP
- C.19 FTFCL**
FASTENING CLIP
- C.19 FTHDCL**
TRAY HOLD DOWN CLIP
- C.20 FTUMP**
UNIVERSAL ACCESSORY
MOUNTING PLATE
- C.20 FTCC**
CABINET CONNECTION
- C.20 FTCF**
CABINET CONNECTION FLANGE



- C.21 COT 54/105**
DIVIDER STRIP
- C.21 COT J**
DIVIDER COUPLER
- C.22 JP**
EDGE PROTECTION STRIP
- C.22 FTBP**
BOTTOM ALIGNMENT PLATE
- C.22 FTBE**
BLIND END
- C.23 BTRCC6X12**
- C.23 CA**
- C.23 EZ BN**
- C.23 EZ CN**
- C.23 EZ FW**
- C.23 EZ HN**
- C.23 THRD**
- C.23 THRDPT**

FTCH CENTER HANGER



- Secure to tray by bending tabs outward
- Use with tray runs without covers
- Order to fit width of tray
- Designed for $\frac{3}{8}$ " threaded rod

	PKG QTY	WIDTH		WEIGHT		MAX LOAD		PG
	PCS	IN	MM	LBS	KG	LBS	N	
FTCH 100	1	4.0	100	-	-	337	1500	S
FTCH 200	1	8.0	200	-	-	337	1500	S
FTCH 300	1	12.0	300	-	-	337	1500	S

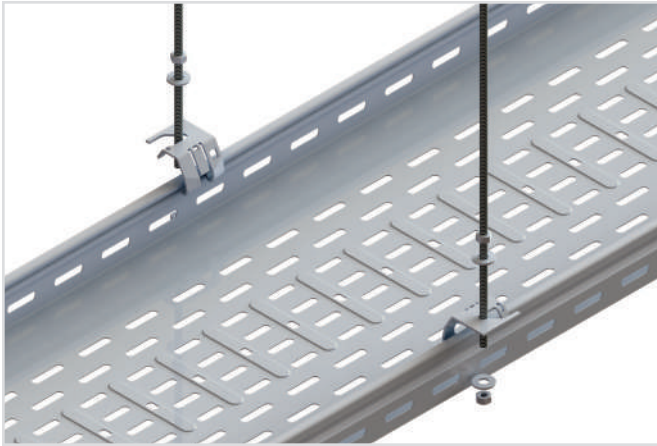
FTCHC CENTER HANGER



- Open side allows cables to added to pathway easily
- Works with Fiber Trough or V-Trough Tray up to 16" wide
- Use with $\frac{3}{8}$ " threaded rod
- Steel construction is available in two finishes (EZ and GC)

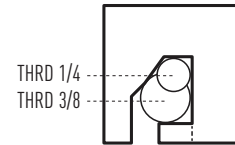
	PKG QTY	TRAY WIDTH		HEIGHT		WEIGHT		EZ	GC
	PCS	IN	MM	IN	MM	LBS	KG		
FTCHC50	1	2	50	2.5	63.5	.623	.282	S	M
FTCHC100	1	4	100	3	76	.694	.314	S	M
FTCHC150	1	6	150	4	102	1.38	.629	S	M
FTCHC200	1	8	200	5	127	1.63	.739	S	M
FTCHC300	1	12	300	7	177	2.65	1.20	S	M
FTCHC400	1	16	400	9	230	4.77	2.16	S	M

AS TRAPEZE HANGING CLIP

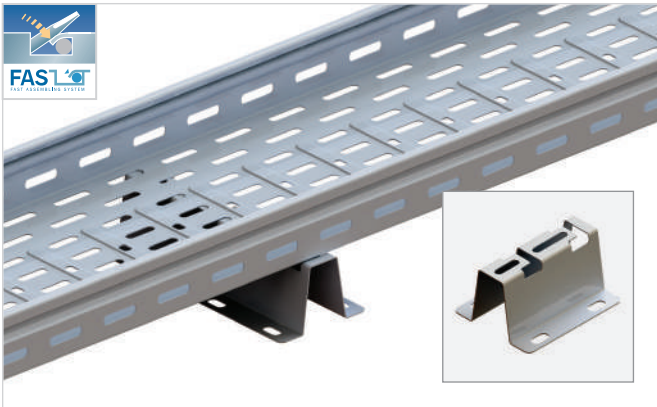


- Secure to tray by bending tabs
- Use with tray runs without covers
- Use for multi-level tray runs
- Use with 1/4", 3/8" and 1/2" threaded rods

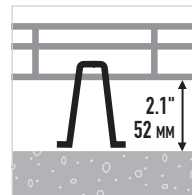
	PKG QTY	WEIGHT		MAX LOAD		PG	BL
	PCS	LBS	KG	LBS	N		
AS	1	-	-	562	2500	S	M



UFS60/100 UNDER FLOOR SUPPORT



- Pre-drilled mounting holes make installations easy.
- UFS can be used as a stand off support on equipment cabinets to avoid covering ventilation fans.
- Saves installation time—patented FAS style attachment holds tray secure without nuts and bolts.

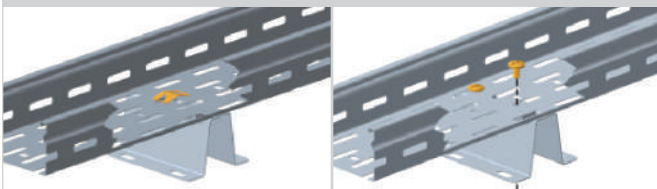


100 – 200 MM	x1
300 – 400 MM	x2
500 – 600 MM	x3

	WIDTH		LENGTH		WEIGHT		PG	FINISH / AVAILABILITY			ORDER EXAMPLE
	IN	MM	IN	MM	LBS	KG		GC	316L	BL	
UFS 60/100	3.2	60	4.0	100	0.2	0.1	S	M	M	M	UFS 60/100PG

S - NORMALLY STOCKED M - MADE TO ORDER

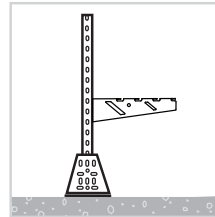
ATTACHMENTS



FASUCB UNIVERSAL BRACKET



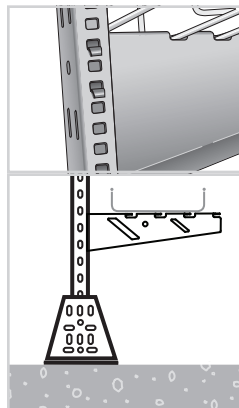
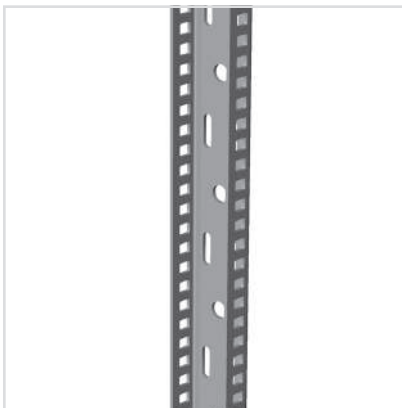
- Use for tray support on walls or under floor applications.



	HEIGHT		TRAY WIDTH		LENGTH		WEIGHT		PG	FINISH / AVAILABILITY				
	IN	MM	IN	MM	IN	MM	LBS	KG		GC	316L	BL	PE	WH
FASUCB 100	3.5	85	4.0	100	6.0	157	0.3	0.1	S	M	S	M	M	M
FASUCB 150	5.0	124	6.0	150	8.0	207	0.4	0.2	S	M	S	M	M	M
FASUCB 200	5.5	139	8.0	200	12.0	257	0.5	0.2	S	M	M	M	M	M
FASUCB 300	5.5	139	12.0	300	14.0	357	0.8	0.3	S	M	S	S	M	S
FASUCB 450	5.5	137.7	18.0	450	20.0	507	2.4	1.1	S	M	M	S	M	S
FASUCB 500	5.5	137.7	20.0	500	22.0	557	2.9	1.3	M	M	M	M	M	M
FASUCB 600	5.5	137.7	24.0	600	26.0	657	6.4	2.9	S	M	M	S	M	S

*For additional colors contact manufacturer for availability

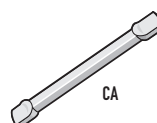
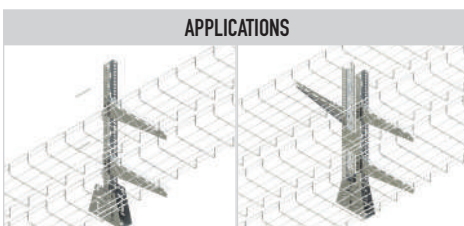
EDF RAIL



- EDF Rail makes multiple floor mounted cable tray runs easier and faster to install
- CA Pin (sold separately) is required to install 18" to 24" FASUCB.
- FASUCB sizes 4" to 12" will snap directly onto EDF Rail

	LENGTH		WEIGHT		PG	BL
	IN	MM	LBS	KG		
EDF 300	10.6	270	0.7	0.3	M	M
EDF 600	24.8	630	1.8	0.8	S	M
EDF 1000	39.0	990	2.6	1.2	S	M
EDF 2000	78.0	2000	5.5	2.5	M	M
EDF 3000	120.0	3000	9.1	4.1	M	M

*For additional colors contact manufacturer for availability



PFREDF
CEILING MOUNTING BRACKET

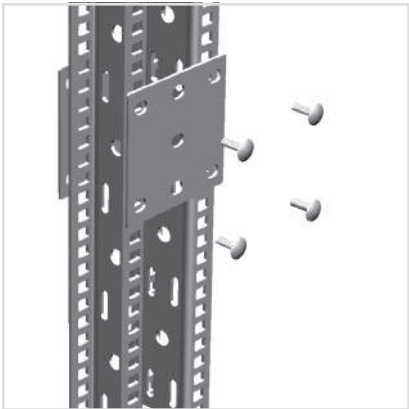


- Use PFREDF to attach EDF Rail directly to ceiling
- EDF Rail attaches to PFREDF without additional hardware

	WEIGHT		LENGTH		PG	BL
	LBS	KG	IN	MM		
PFREDF	1.3	0.6	1.3	0.6	M	M

*For additional colors contact manufacturer for availability

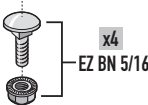
ERD 10
BRACE PLATE



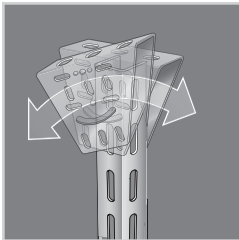
- Use ERD 10 to assemble double-sided ceiling hung tray runs.
- Attach EDF Rail to ERD 10 with EZ BN 5/16 (sold separately).

	LENGTH		WEIGHT		PG	BL
	LBS	KG	IN	MM		
ERD 10	0.4	0.5	0.4	0.5	M	M

*For additional colors contact manufacturer for availability



DF
FLOOR SUPPORT BRACKET

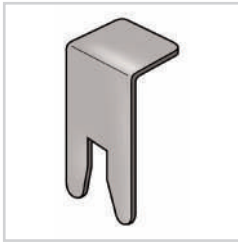


- Use DF to attach EDF Rail to any floor
- Attach EDF Rail to DF with EZBN 5/16 (sold separately)
- Also use DF to attach EDF to a ceiling or deck that is on an angle for a perfect pendant hanger

	LENGTH		WEIGHT		PG	BL
	LBS	KG	IN	MM		
DF	1.3	0.6	1.3	0.6	M	M

*For additional colors contact manufacturer for availability

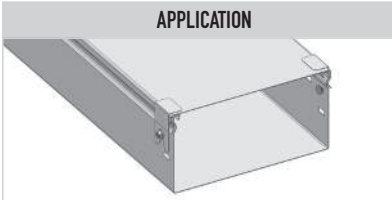
FTCFCL COVER FASTENING CLIP



- Provides added cover security
- Utilizes existing splice hardware
- Strong stainless steel construction

PKG QTY		304L
	PCS	
FTCFCL	1	S

APPLICATION



FTFCL FASTENING CLIP



- Strong stainless steel construction
- Snaps on standard C bracket
- Use to secure tray without hardware
- Two required per support

**LEGRAND
PATENTED**

APPLICATION



PKG QTY		IN	BL
	PCS		
FTFCL	1	S	M

FTHDCL TRAY HOLD DOWN CLIP



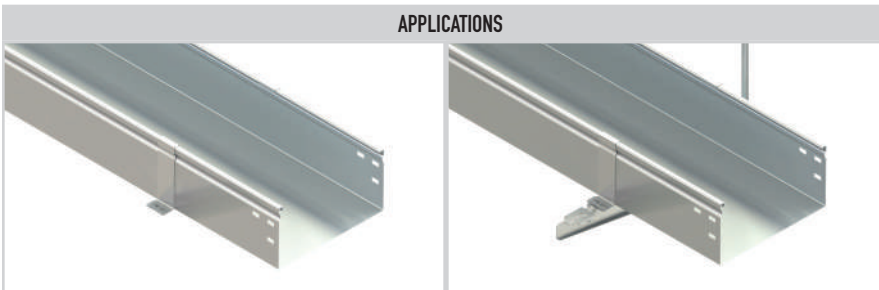
- Strong stainless steel construction
- Allows easy cover removal without removing tray hold down
- Two required per support
- Recommended for solid (non-perforated) trays. (FT series tray and all fittings)

**LEGRAND
PATENTED**

PKG QTY		FOR HEIGHT		316L	BL
	PCS	IN	MM		
FTHDCL 50	1	2.0	50	S	S
FTHDCL 100	1	4.0	100	S	S

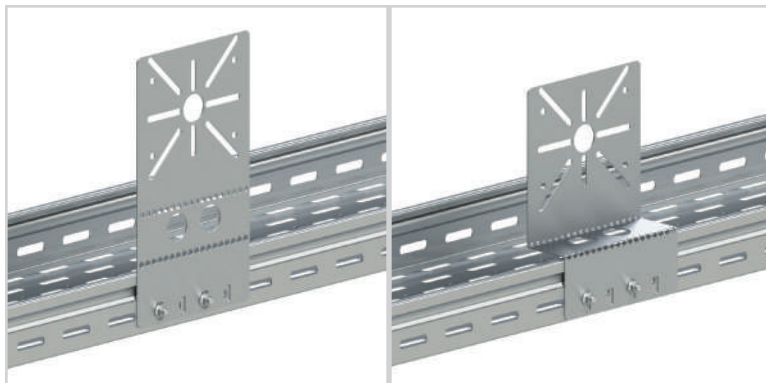
*For additional colors contact manufacturer for availability

APPLICATIONS



FTUMP

UNIVERSAL ACCESSORY MOUNTING PLATE

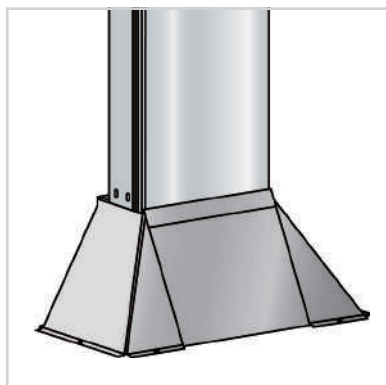


- Attaches to tray side rail with two M6x10 bolts. (Not included)
- Use vertically or bend for horizontal applications
- Use on 2" or 4" deep tray
- Fits all standard steel box sizes

	PKG QTY	HEIGHT	WEIGHT		PG	
	PCS	IN	MM	LBS	KG	
FTUMP	1	8.7	221	0.4	0.9	M

FTCC

CABINET CONNECTION

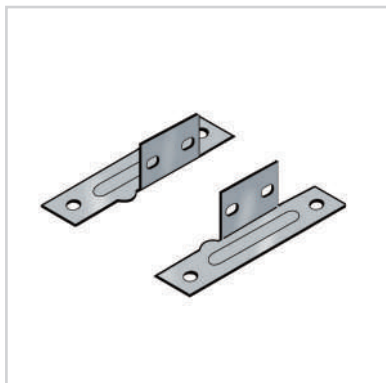


- Quick, clean connection to data cabinet
- Unique steel/plastic combination fits tray widths from 2" to 12" (50-300mm)
- Allows up to 4" flexibility of tray length at termination point
- Flared design allows tray connection when opening is larger than tray width
- Pack contains all pieces for one connection pair

	PKG QTY		HEIGHT		PG	BL
	PCS	IN	MM			
FTCC	1	2.0	50		M	M

FTCF

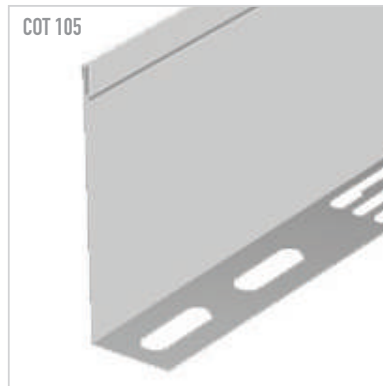
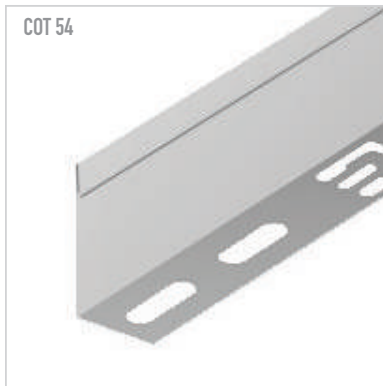
CABINET CONNECTION FLANGE



- Rigid steel construction
- Provides secure attachment at tray termination points
- Two connection brackets per package
- Hardware included

	PKG QTY		HEIGHT		PG	BL
	PCS	IN	MM			
FTCF 50	1	2.0	50		M	M
FTCF 100	1	4.0	100		M	M

COT 54/105 DIVIDER STRIP



- For cable separation within a single tray.
- Attach to tray with Self-drilling screws (Not included)
- Field modify with tin snips for changes in levels
- Rolled top edge provides rigidity as well as protection for cables



	HEIGHT		LENGTH		WEIGHT		PG	BL
	IN	MM	FT	M	LBS	KG		
COT 54	2.0	54	10.0	3	2.8	1.3	S	S
COT 105 KIT	4.0	105	10.0	3	4.7	2.1	S	S

*For additional colors contact manufacturer for availability

COT J DIVIDER COUPLER



- Improves electrical continuity and strengthens dividers.
- Can be removed with a screwdriver and is reusable.

	PKG QTY		WEIGHT		PG	316L	BL
	PCS	LBS	KG				
COT J	1	0.026	0.012		S	M	M



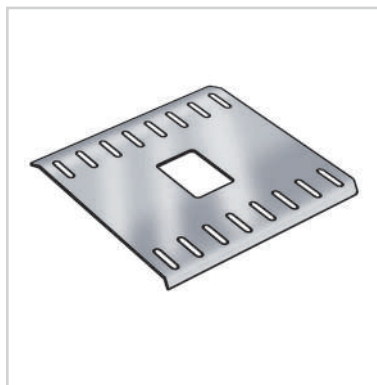
JP EDGE PROTECTION STRIP



- Slip on edge protection
- Black vinyl
- 15' roll cut to fit

	LENGTH		VINYL
	FT	M	
JP	15.0	1.5	S

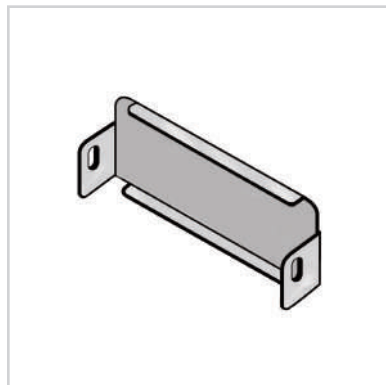
FTBP BOTTOM ALIGNMENT PLATE



- Helps maintain trough bottom alignment with heavy cable loads
- Includes hardware

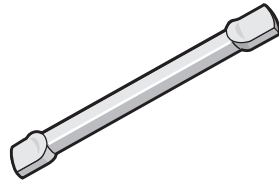
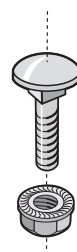
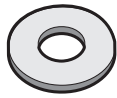
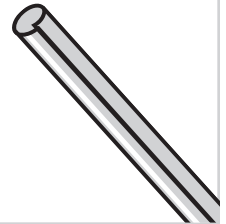
	PKG QTY	FITS TRAY WIDTHS		PG	BL
	PCS	IN	MM		
FTBP 300	1	4.0-12.0	100-300	S	M
FTBP 600	1	20.0-24.0	500-600	M	M

FTBE BLIND END



- Can be field punched for conduit attachment
- Rigid steel construction
- Includes hardware

	PKG QTY	HEIGHT		WIDTH		PG	BL
	PCS	IN	MM	IN	MM		
FTBE 50/50	1	2.0	50	2.0	50	S	M
FTBE 50/100	1	2.0	50	4.0	100	S	M
FTBE 50/200	1	2.0	50	8.0	200	S	M
FTBE 50/300	1	2.0	50	12.0	300	S	M
FTBE 100/100	1	4.0	100	4.0	100	S	M
FTBE 100/200	1	4.0	100	8.0	200	S	M
FTBE 100/300	1	4.0	100	12.0	300	S	M
FTBE 100/500	1	4.0	100	20.0	500	S	M
FTBE 100/600	1	4.0	100	24.0	600	S	M

BTRCC6X12**CA****EZ BN****EZ CN****EZ FW****EZ HN****THRD****THRDPT**

	PKG QTY			PG	EZ	BL
	PCS	LBS	KG			
BTRCC6X12	100	2.6	1.2	-	M	-
CA	50	2.2	1.0	M	M	M
EZ BN 1/4	50	2.0	0.9	-	S	-
EZ BN 5/16	50	1.3	0.6	-	M	-
EZ CN 1/4	100	3.0	1.4	-	S	-
EZ CN 3/8	100	4.0	1.8	-	S	-
EZ CN 1/2	100	5.0	2.3	-	M	-
EZ FW 1/4	100	0.5	0.2	-	S	-
EZ FW 3/8	100	0.6	0.3	-	S	-
EZ FW 1/2	100	0.5	0.2	-	S	-
EZ HN 1/4	100	0.6	0.3	-	S	-
EZ HN 3/8	100	0.7	0.3	-	S	-
EZ HN 1/2	100	2.0	0.9	-	S	-

	PKG QTY			LENGTH			WEIGHT	PITCH	EZ	PL
	PCS	FT	M	LBS	KG					
THRDPT	10	6.0	0.15	0.16	0.07	-	-	-	S	-
THRD 1/4*	1	6.0	1.8	0.7	0.3	20	S	-	-	-
THRD 3/8*	1	6.0	1.8	1.8	0.8	16	S	-	-	-
THRD 1/2*	1	6.0	1.8	3.1	1.4	12	S	-	-	-

*For additional colors contact manufacturer for availability

*Thread Pitch: 1/4" - 20; 3/8" - 16; 1/2" - 13

INSTALLATION GUIDELINES



**SCAN TO DOWNLOAD
INSTALLATION GUIDE PDF**

CUTTING STRAIGHT SECTIONS

Trough tray can be cut to length with a reciprocating saw fitted with a fine metal cutting blade. Mark three sides of the tray using a square and make allowances to keep mounting hole slots in position for splicing to other straight sections or fittings. Use a flat file to remove all rough edges. Cover sections can be modified in the same way.



CUTTING STRAIGHT SECTIONS FOR ELEVATION CHANGES

Cut only the sides of the tray for changes in cable pathway elevations. Make a 90 degree cut in both sides of the tray for a downward bend. For an upward bend, make a double cut to form a notch. The notch should be sized to fit the tray angle needed. Then, using a straight edge, form the tray to the proper angles.

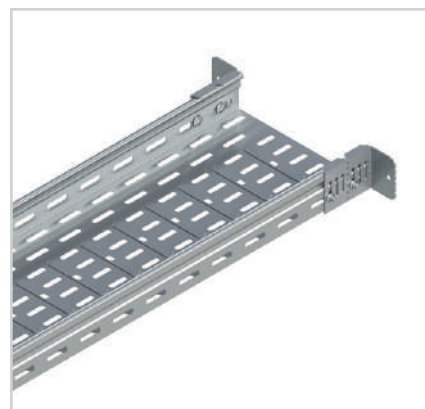
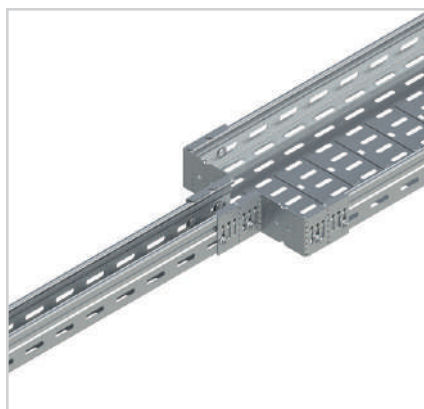
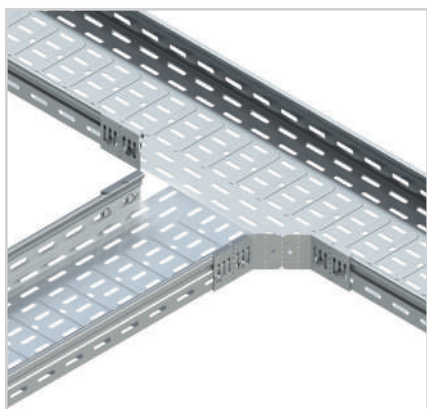
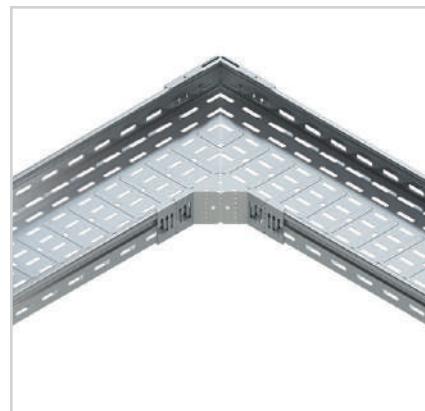
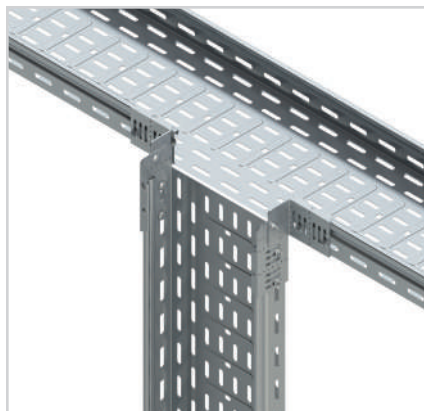


SPLICING STRAIGHT SECTIONS AND FITTINGS



SPLICING TEES, REDUCTIONS AND LEVEL CHANGES

The FTUS is a versatile splice that can be used to construct tees, reductions and elevation changes, thus reducing the need for formed fittings. Use with EZ BN 1/4 bolt/nut or BTRCC6x12.



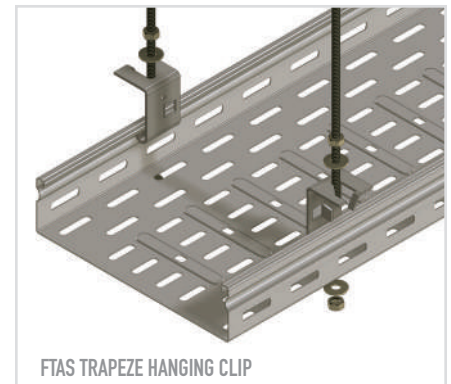
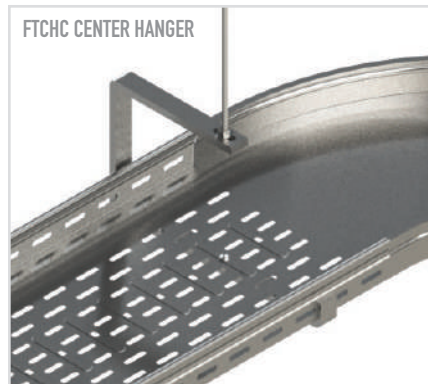
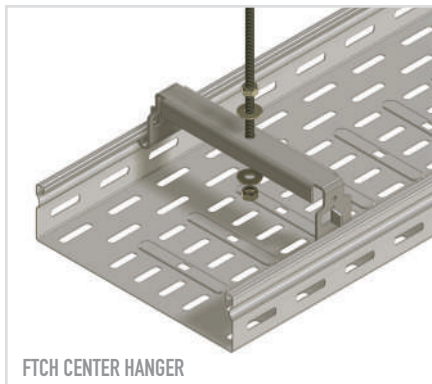
ATTACHING TO WALL OR FLOOR SUPPORTS

Securing ventilated tray to supports is easy. For attachment to the FASUCB or CS series support, use the FTFCL. It simply snaps in place. For securing solid tray use the FTHDCL Tray Hold Down Clip. Both allow a cover to be used.



TRAPEZE SUPPORTS

For trapeze mounting, three options are available: The FTCH and FTCHC Center Hangers both require only a single threaded rod. The FTAS Trapeze Hanging Clip requires two 3/8" threaded rods, but allows cables to be side loaded. Folding tabs secure tray to supports. Covers can be used with FTCHC but not FTCH or FTAS.



COVER ATTACHMENT OPTIONS

Complete the security of your cables with covers. These cover sections can be cut to fit with a reciprocating saw and simply snap on. For additional security, use the FTCFCL Cover Fastening Clip. This clip can be used in conjunction with splicing hardware to keep covers secure.



WIRE & CABLE HANGERS

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FASTENERS

PAGES D.27

CABLOPORT

PAGES D.28-D.31

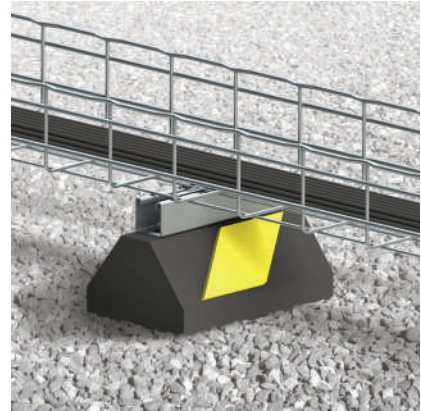
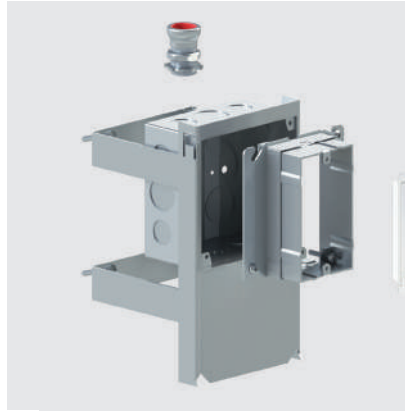
SEISMIC BRACING

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WIRE & CABLE HANGERS



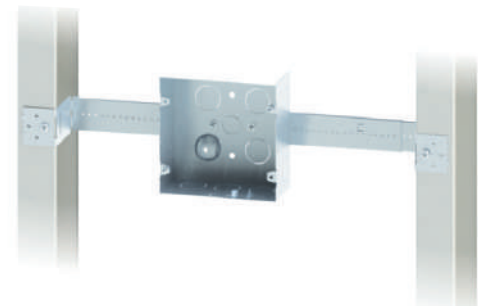
Wire and cable hangers, and box mounting components for everyday applications.

Our electrical wire and cable hangers and components are designed to get you on and off of the job-site in record time. J-Hooks, spring steel clamps, seismic bracing, and CabloPort rooftop supports are just a few examples of products that reduce labor, increasing your bottom line.

Our wire and cable hangers and components are perfect for branch wiring in these project types:

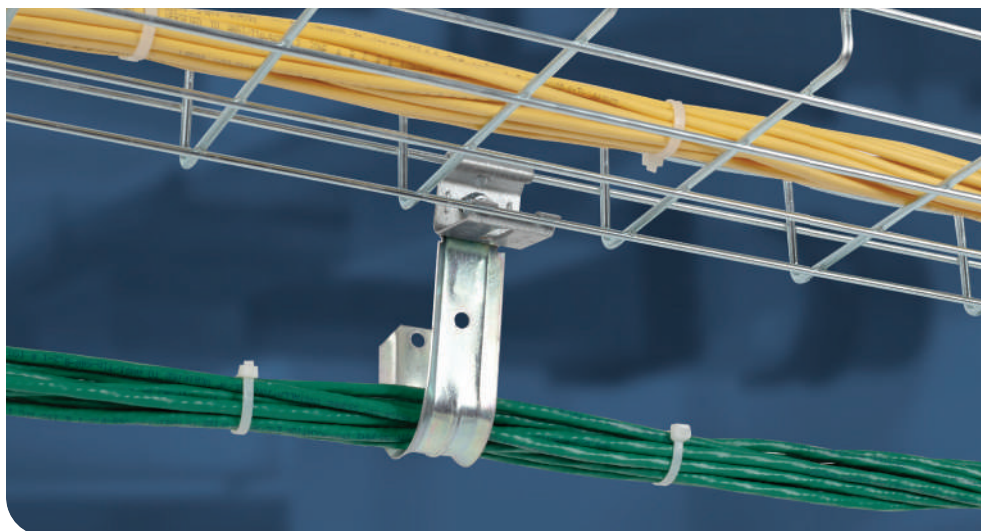
- **Hotels**
- **Office Complexes**
- **Condominiums**
- **Hospitals**
- **Government Buildings**

Also included in this catalog is a full line of seismic brace systems and attachment hardware. Each product is designed with quality materials for optimum performance in any installation.

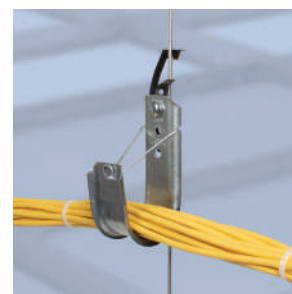


J-HOOKS

- D.4 CJ12H**
3/4" J-HOOK
- D.4 CJ21H**
1-5/16" J-HOOK
- D.4 CJ32H**
2" J-HOOK
- D.4 CJ64H**
4" J-HOOK
- D.6 CJ16HP**
1" J-HOOK
- D.6 CJ32HP**
2" J-HOOK
- D.6 CJ48HP**
3" J-HOOK
- D.6 CJ64HP**
4" J-HOOK
- D.8 CJH TREE**
STEEL J-HOOK TREE
- D.8 CJHP TREE**
PLASTIC COATED J-HOOK TREE
- D.8 CJHEB**
J-HOOK EXTENSION BRACKET
- D.9 CJH BACK TO BACK TREE**
STEEL J-HOOK TREE
- D.9 CJHP BACK TO BACK TREE**
PLASTIC COATED J-HOOK TREE
- D.9 CJ4T125**
1-1/4" BRIDLE RING
- D.9 CJ4T2**
2" BRIDLE RING



J-Hooks provide an easy-to-install, non-continuous cable support for all types of telecommunication, data and power cabling. They also are perfect for low voltage building management and fire protection cabling.



Cable management that's **fast** and **secure**

Our CJ Series is engineered to provide stress-free cable support for multiple cables and features a structural design for optimal strength and tapered edges to reduce cable sheath damage. Multiple pre-drilled holes reduce on-site modification at installation. J-Hooks can be attached to a variety of structures and are available with multiple attachment options that allow quick and easy cable installation virtually anywhere.

WIRE RETAINER CLIP IS THE EASIEST TO INSTALL IN THE INDUSTRY



FEATURES & BENEFITS

CJH Series - Steel J-Hooks

- **Broad product line.** CJH Series J-Hooks are available in 4 sizes ¾" to 4" sizes with a cable retainer clip (Patent Pending) and has multiple attachment options.
- **Sturdy steel construction.** CJH Series J-Hooks have a wider base and provides optimal support for electrical and high-performance data cables, including CAT 5e, CAT 5, CAT 6A, CAT 7 and fiber optic.
- **Smooth tapered edges.** Smooth edges of CJH Series J-Hooks reduces pressure points for ultimate cable protections.
- **Simple single person installation.** Labor savings.
- **Highest cable fill capacity.** CJH Series J-Hooks have the highest fill capacity on the market and are engineered to accommodate future emerging data cables.
- **Manufactured using over 70% recycled steel.** CJH Series J-Hooks are manufactured using over 70% recycled steel. Great for recycling and the environment.
- **UL load and anti-corrosion tested.** cULus listed.
- **RoHS compliant.** Environmentally friendly.
- **Meets TIA-568-C & TIA 569-C and complies with EN 50174-2.** Ensures that software and applications running on the network are able to perform as designed and work seamlessly together.

CJHP Series - Plastic J-Hooks

- **Cable containment latch.** CJHP Services J-Hooks integral catch quickly opens and closes for easy moves, adds or changes. Available in 4 sizes 1" to 4" sizes and has multiple attachment options.
- **Smooth easy-slide polypropylene construction.** CJHP Series J-Hooks allow cables to slide with 50% less pulling tension.
- **Safe for use in plenum spaces.** CJHP Series J-Hooks are UL listed safe for use in plenum spaces.
- **Simple single person installation.** Labor savings.
- **UL load and anti-corrosion tested.** cULus listed.
- **RoHS compliant.** Environmentally friendly.
- **Meets TIA-568-C & TIA 569-C and complies with EN 50174-2.** Ensures that software and applications running on the network are able to perform as designed and work seamlessly together.

CJ12H

¾" J-HOOK



CJ12H

	WEIGHT		
	INCREMENTAL ORDER QTY	LBS	
CJ12H	50	4.5	F000613
CJ12HAC	50	5.8	F000614
CJ12HW	50	5.75	F000615
CJ12HAC6	50	5.7	F000616
CJ12HSSBC	50	7.3	F000624
CJ12HACHOK24	50	8.35	F000617
CJ12HACHOK58	50	8.35	F000618
CJ12HACBPC	50	11.5	F000619
CJ12HACSSBC	50	8.6	F000620
CJ12HHOK24	50	5.8	F000621
CJ12HHOK58	50	5.8	F000622
CJ12HPBC	50	10.2	F000623
CJ12HCAT40EZ	10	10.0	F000609

CJ21H

1 5/16" J-HOOK



CJ21H

	WEIGHT		
	INCREMENTAL ORDER QTY	LBS	
CJ21H	50	8.5	F000625
CJ21HAC	50	9.8	F000626
CJ21HW	50	9.75	F000627
CJ21HAC6	50	9.7	F000628
CJ21HSSBC	50	11.3	F000636
CJ21HACHOK24	50	12.35	F000629
CJ21HACHOK58	50	12.35	F000630
CJ21HACBPC	50	15.5	F000631
CJ21HACSSBC	50	12.6	F000632
CJ21HHOK24	50	9.8	F000633
CJ21HHOK58	50	9.8	F000634
CJ21HPBC	50	14.2	F000635
CJ21HCAT40EZ	10	10.0	F000610

CJ32H

2" J-HOOK



CJ32H

	WEIGHT		
	INCREMENTAL ORDER QTY	LBS	
CJ32H	50	10.3	F000637
CJ32HAC	50	11.6	F000638
CJ32HW	50	11.55	F000639
CJ32HAC6	50	11.5	F000640
CJ32HSSBC	50	13.1	F000648
CJ32HACHOK24	50	14.15	F000641
CJ32HACHOK58	50	14.15	F000642
CJ32HACBPC	50	17.3	F000643
CJ32HACSSBC	50	14.4	F000644
CJ32HHOK24	50	11.6	F000645
CJ32HHOK58	50	11.6	F000646
CJ32HPBC	50	13.8	F000647
CJ32HCAT40EZ	10	10.0	F000611

CJ64H

4" J-HOOK



CJ64H

	WEIGHT		
	INCREMENTAL ORDER QTY	LBS	
CJ64H	25	9.25	F000649
CJ64HAC	25	9.9	F000650
CJ64HW	25	10	F000651
CJ64HAC6	25	9.85	F000652
CJ64HSSBC	25	10.65	F000660
CJ64HACHOK24	25	11.18	F000653
CJ64HACHOK58	25	11.18	F000654
CJ64HACBPC	25	12.75	F000655
CJ64HACSSBC	25	11.3	F000656
CJ64HHOK24	25	9.9	F000657
CJ64HHOK58	25	9.9	F000658
CJ64HPBC	25	12.1	F000659

LOAD CAPACITY TABLE

	HOOK SIZE		LOAD CAPACITY	CABLE CAPACITY		
	IN			4-PAIR UTP CAT 5E	CAT 6	CAT 6A
CJ12H	¾		65	34	23	13
CJ21H	1 5/16		65	61	42	24
CJ32H	2		65	119	81	48
CJ64H	4		65	417	284	167

CJH SERIES STEEL J-HOOK ATTACHMENT OPTIONS

AC 	W 	AC6 	SSBC 
90° angled clip – 1/4" hole	Bat wing 12 gage – 1/4" ATR	90° angled clip – 3/8" hole	Assembled to SSBC – 1/8" to 1/2"
ACHOK24 	ACHOK58 	ACPBC 	ACSSBC 
Knock-on clamp and angled clip – swivels 360°	Knock-on clamp and angled clip – swivels 360°	Angled clip and pressed beam clamp – up to 1/2"	Angled clip and SSBC – swivels 360°
HOK24 	HOK58 	PBC 	CAT40EZ 
Knock-on steel beam clamp – 1/8" to 1/4"	Knock-on steel beam clamp – 5/16" to 1/2"	Pressed beam clamp – up to 1/2"	Snap-on bracket – wire mesh tray attachment

CJMS (COLOR)
User installed - contact
factory for details



PART NUMBERING EXAMPLE

CJ12HW

J-HOOK

ATTACHMENT

	DESCRIPTION	
CJMS12BL	CJ12 Black STKR 42/SHT	F000233
CJMS12BU	CJ12 Blue STKR 42/SHT	F000232
CJMS12GN	CJ12 Green STKR 42/SHT	F000234
CJMS12OR	CJ12 Orange STKR 42/SHT	F000231
CJMS12RD	CJ12 Red STKR 42/SHT	F000228
CJMS12WH	CJ12 White STKR 42/SHT	F000230
CJMS12YL	CJ12 Yellow STKR 42/SHT	F000229

	DESCRIPTION	
CJMS213264BU	CJ21 CJ32 CJ64 Black STKR 33/SHT	F000240
CJMS213264BL	CJ21 CJ32 CJ64 Blue STKR 33/SHT	F000239
CJMS213264GN	CJ21 CJ32 CJ64 Green STKR 33/SHT	F000241
CJMS213264OR	CJ21 CJ32 CJ64 Orange STKR 33/SHT	F000238
CJMS213264RD	CJ21 CJ32 CJ64 Red STKR 33/SHT	F000235
CJMS213264WH	CJ21 CJ32 CJ64 White STKR 33/SHT	F000237
CJMS213264YL	CJ21 CJ32 CJ64 Yellow STKR 33/SHT	F000236

The ‘Cable Retainer’ J-Hook features a built in latch that allows you to lock the bendable flap into place – up to 50 times with no signs of metal fatigue. CJHP J-Hooks combine the best features of both metal and plastic, providing strength and a slick, no-bur surface for easy cable pulling. They will support all types of data communication and low-voltage cabling and are available with a number of ready-made accessories for attachment to a wide variety of structures and surfaces. All CJHP Hooks are plenum-safe.

CJ16HP 1" J-HOOK

	WEIGHT	WH	BL	BU	RD
	INCREMENTAL ORDER QTY	LBS			
CJ16HP	25	3	F000600	F000661	F000662 F000663

J-HOOK W/ ATTACHMENT

CJ16HPAC	25	4	F000604	F000799	F000755	F000711
CJ16HPW	25	4	F000603	F000800	F000756	F000712
CJ16HPAC6	25	4	F000664	F000801	F000757	F000713
CJ16HPACHOK24	25	5	F000665	F000802	F000758	F000714
CJ16HPACHOK58	25	6	F000666	F000803	F000759	F000715
CJ16HPACPBC	25	7	F000667	F000804	F000760	F000716
CJ16HPACSSBC	25	5	F000668	F000805	F000761	F000717
CJ16HPHOK24	25	4	F000669	F000806	F000762	F000718
CJ16HPHOK58	25	4	F000670	F000807	F000763	F000719
CJ16HPPBC	25	6	F000671	F000808	F000764	F000720
CJ16HPSSBC	25	5	F000672	F000809	F000765	F000721

CJ32HP 2" J-HOOK

	WEIGHT	WH	BL	BU	RD
	INCREMENTAL ORDER QTY	LBS			
CJ32HP	25	4	F000601	F000673	F000674 F000675

J-HOOK W/ ATTACHMENT

CJ32HPAC	25	5	F000606	F000810	F000766	F000722
CJ32HPW	25	5	F000605	F000811	F000767	F000723
CJ32HPAC6	25	5	F000676	F000812	F000768	F000724
CJ32HPACHOK24	25	6	F000677	F000813	F000769	F000725
CJ32HPACHOK58	25	7	F000678	F000814	F000770	F000726
CJ32HPACPBC	25	8	F000679	F000815	F000771	F000727
CJ32HPACSSBC	25	6	F000680	F000816	F000772	F000728
CJ32HPHOK24	25	5	F000681	F000817	F000773	F000729
CJ32HPHOK58	25	5	F000682	F000818	F000774	F000730
CJ32HPPBC	25	7	F000683	F000819	F000775	F000731
CJ32HPSSBC	25	6	F000612	F000820	F000776	F000732

CJ48HP 3" J-HOOK

	WEIGHT	WH	BL	BU	RD
	INCREMENTAL ORDER QTY	LBS			
CJ48HP	25	9	F000602	F000684	F000685 F000686

J-HOOK W/ ATTACHMENT

CJ48HPAC	25	10	F000608	F000821	F000777	F000733
CJ48HPW	25	10	F000607	F000822	F000778	F000734
CJ48HPAC6	25	10	F000687	F000823	F000779	F000735
CJ48HPACHOK24	25	12	F000688	F000824	F000780	F000736
CJ48HPACHOK58	25	12	F000689	F000825	F000781	F000737
CJ48HPACPBC	25	13	F000690	F000826	F000782	F000738
CJ48HPACSSBC	25	12	F000691	F000827	F000783	F000739
CJ48HPHOK24	25	11	F000692	F000828	F000784	F000740
CJ48HPHOK58	25	10	F000693	F000829	F000785	F000741
CJ48HPPBC	25	12	F000694	F000830	F000786	F000742
CJ48HPSSBC	25	11	F000695	F000831	F000787	F000743

CJ64HP 4" J-HOOK

	WEIGHT	WH	BL	BU	RD
	INCREMENTAL ORDER QTY	LBS			
CJ64HP	25	11	F000696	F000697	F000698 F000699

J-HOOK W/ ATTACHMENT

CJ64HPAC	25	12	F000700	F000832	F000788	F000744
CJ64HPW	25	12	F000701	F000833	F000789	F000745
CJ64HPAC6	25	12	F000702	F000834	F000790	F000746
CJ64HPACHOK24	25	13	F000703	F000835	F000791	F000747
CJ64HPACHOK58	25	14	F000704	F000836	F000792	F000748
CJ64HPACPBC	25	15	F000705	F000837	F000793	F000749
CJ64HPACSSBC	25	13	F000706	F000838	F000794	F000750
CJ64HPHOK24	25	12	F000707	F000839	F000795	F000751
CJ64HPHOK58	25	12	F000708	F000840	F000796	F000752
CJ64HPPBC	25	14	F000709	F000841	F000797	F000753
CJ64HPSSBC	25	12	F000710	F000842	F000798	F000754

LOAD CAPACITY TABLE

	HOOK SIZE	LOAD CAPACITY	CABLE CAPACITY		
	IN	LBS	4-PAIR UTP CAT 5E	CAT 6	2 STRAND FIBER OPTIC
CJ16HP	1	20	20	15	20
CJ32HP	2	20	90	60	90
CJ48HP	3	20	200	150	200
CJ64HP	4	20	330	220	330



CJHP SERIES PLASTIC J-HOOK ATTACHMENT OPTIONS

CJ (COLOR) BL – BLACK BU – BLUE RD – RED Color Options	AC 90° angled clip – 1/4" hole	W Bat wing 12 gage – 1/4" ATR	AC6 90° angled clip – 3/8" hole
ACHOK24 Knock-on clamp and angled clip – swivels 360°	ACHOK58 Knock-on clamp and angled clip – swivels 360°	ACPBC Angled clip and pressed beam clamp – up to 1/2"	ACSSBC Angled clip and SSBC – swivels 360°
HOK24 Knock-on steel beam clamp – 1/8" to 1/4"	HOK58 Knock-on steel beam clamp – 5/16" to 1/2"	PBC Pressed beam clamp – up to 1/2"	SSBC Assembled to SSBC – 1/8" to 1/2"

PART NUMBERING EXAMPLE

CJ16HPW

J-HOOK ——— ATTACHMENT

FACTORY ASSEMBLED J-HOOK TREES – SINGLE SIDE BRACKETS

J-Hook Trees are the ideal solution for segregating up to three runs of cable following the same cable pathway. They are ready to use with no assembly required in multiple sizes and attachment methods.

These items are not stocked in our inventory. **Please contact the manufacturer for shipping information, pricing and other configurations not listed.**



CJ32H-EB-3

CJH STEEL J-HOOK TREES

		WEIGHT	
	HOOK COUNT	LBS	
1 5/16" VERTICAL TREE SUPPORTS			
CJ21H-EB-2	2	0.9	
CJ21H-EB-3	3	1.1	
w/ BEAM CLAMP			
CJ21H-PBC-EB-2	2	1.0	
CJ21H-PBC-EB-3	3	1.2	

WEIGHT		
	HOOK COUNT	LBS
2" VERTICAL TREE SUPPORTS		
CJ32H-EB-2	2	1.0
CJ32H-EB-3	3	1.2
w/ BEAM CLAMP		
CJ32H-PBC-EB-2	2	1.1
CJ32H-PBC-EB-3	3	1.4

WEIGHT		
	HOOK COUNT	LBS
4" VERTICAL TREE SUPPORTS		
CJ64H-EB-2	2	1.3
CJ64H-EB-3	3	1.7
w/ BEAM CLAMP		
CJ64H-PBC-EB-2	2	1.4
CJ64H-PBC-EB-3	3	1.8



CJ32HP-SB-2

CJHP PLASTIC J-HOOK TREES

WEIGHT		
	HOOK COUNT	LBS
1" VERTICAL TREE SUPPORTS WITH PLASTIC COATED HOOKS		
CJ16HP-SB-2	2	1.4
CJ16HP-SB-3	3	1.5
w/ ANGLE CLIP		
CJ16HP-AC-SB-2	2	1.4
CJ16HP-AC-SB-3	3	1.5
w/ BEAM CLAMP		
CJ16HP-PBC-SB-2	2	1.5
CJ16HP-PBC-SB-3	3	1.6

WEIGHT		
	HOOK COUNT	LBS
2" VERTICAL TREE SUPPORTS WITH PLASTIC COATED HOOKS		
CJ32HP-SB-2	2	1.5
CJ32HP-SB-3	3	1.6
w/ ANGLE CLIP		
CJ32HP-AC-SB-2	2	1.5
CJ32HP-AC-SB-3	3	1.6
w/ BEAM CLAMP		
CJ32HP-PBC-SB-2	2	1.6
CJ32HP-PBC-SB-3	3	1.7

		WEIGHT	
		HOOK COUNT	LBS
3" VERTICAL TREE SUPPORTS WITH PLASTIC COATED HOOKS			
CJ48HP-SB-2	2	2.0	
CJ48HP-SB-3	3	2.3	
w/ ANGLE CLIP			
CJ48HP-AC-SB-2	2	2.0	
CJ48HP-AC-SB-3	3	2.3	
w/ BEAM CLAMP			
CJ48HP-PBC-SB-2	2	2.1	
CJ48HP-PBC-SB-3	3	2.4	

CJHP Plastic Series - More colors and runs available. Contact manufacturer for pricing and details.

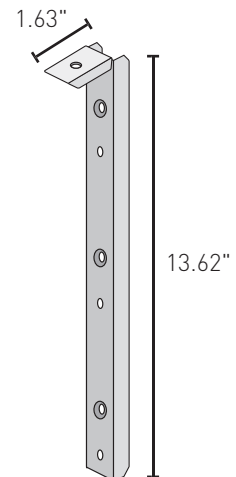
FIELD CREATION OF J-HOOK TREES

CJHEB WIDE STYLE J-HOOK EXTENSION BRACKET

- Allows for field creation of custom J-Hook Trees of any of the four sizes available up to three (3) tiers
- Single side or back-to-back
- Sold as each
- Complies with NEC and meets TIA568-C and 569-C
- J-hooks are sold separately

Top flange hole accommodates 1/4" hardware

1/4" Thread impression for quick assembly in field



FACTORY ASSEMBLED J-HOOK TREES – BACK TO BACK BRACKETS

CJ32H-BB-3



CJH STEEL J-HOOK TREES

	WEIGHT	
	HOOK COUNT	LBS
1½" VERTICAL TREE SUPPORTS		
CJ21H-BB-1	2	0.9
CJ21H-BB-2	4	1.2
CJ21H-BB-3	6	1.6
w/ BEAM CLAMP		
CJ21H-PBC-BB-1	2	1.0
CJ21H-PBC-BB-2	4	1.4
CJ21H-PBC-BB-3	6	1.8

	WEIGHT	
	HOOK COUNT	LBS
2" VERTICAL TREE SUPPORTS		
CJ32H-BB-1	2	1.0
CJ32H-BB-2	4	1.4
CJ32H-BB-3	6	1.9
w/ BEAM CLAMP		
CJ32H-PBC-BB-1	2	1.1
CJ32H-PBC-BB-2	4	1.6
CJ32H-PBC-BB-3	6	2.0

	WEIGHT	
	HOOK COUNT	LBS
4" VERTICAL TREE SUPPORTS		
CJ64H-BB-1	2	1.3
CJ64H-BB-2	4	2.0
CJ64H-BB-3	6	2.8
w/ BEAM CLAMP		
CJ64H-PBC-BB-1	2	1.4
CJ64H-PBC-BB-2	4	2.2
CJ64H-PBC-BB-3	6	3.0

CJ32HP-BB-2



CJHP PLASTIC J-HOOK TREES

	WEIGHT	
	HOOK COUNT	LBS
1" VERTICAL TREE SUPPORTS WITH PLASTIC COATED HOOKS		
CJ16HP-BB-1	2	1.4
CJ16HP-BB-2	4	1.6
CJ16HP-BB-3	6	1.7
w/ ANGLE CLIP		
CJ16HP-AC-BB-1	2	1.4
CJ16HP-AC-BB-2	4	1.6
CJ16HP-AC-BB-3	6	1.7
w/ BEAM CLAMP		
CJ16HP-PBC-BB-1	2	1.5
CJ16HP-PBC-BB-2	4	1.7
CJ16HP-PBC-BB-3	6	1.8

	WEIGHT	
	HOOK COUNT	LBS
2" VERTICAL TREE SUPPORTS WITH PLASTIC COATED HOOKS		
CJ32HP-BB-1	2	1.5
CJ32HP-BB-2	4	1.7
CJ32HP-BB-3	6	2.0
w/ ANGLE CLIP		
CJ32HP-AC-BB-1	2	1.5
CJ32HP-AC-BB-2	4	1.7
CJ32HP-AC-BB-3	6	2.0
w/ BEAM CLAMP		
CJ32HP-PBC-BB-1	2	1.6
CJ32HP-PBC-BB-2	4	1.8
CJ32HP-PBC-BB-3	6	2.1

	WEIGHT	
	HOOK COUNT	LBS
3" VERTICAL TREE SUPPORTS WITH PLASTIC COATED HOOKS		
CJ48HP-BB-1	2	2.0
CJ48HP-BB-2	4	2.7
CJ48HP-BB-3	6	3.4
w/ ANGLE CLIP		
CJ48HP-AC-BB-1	2	2.0
CJ48HP-AC-BB-2	4	2.7
CJ48HP-AC-BB-3	6	3.4
w/ BEAM CLAMP		
CJ48HP-PBC-BB-1	2	2.1
CJ48HP-PBC-BB-2	4	2.8
CJ48HP-PBC-BB-3	6	3.5

CJHP Plastic Series - More colors and runs available. Contact manufacturer for pricing and details.

BRIDLE RINGS

Bridle rings are a simple option for smaller bundles of communication or data cabling.



J-HOOK BRIDLE RING OPTIONS

	RING DIA.		DESCRIPTION	WEIGHT	PG
	INCREMENTAL ORDER QTY	IN		LBS	
CJ4T125	100	1½	Bridle Ring ¼ x 20 threads	6	F000843
CJ4T2	100	2	Bridle Ring ¼ x 20 threads	9	F000844

J-Hooks should be purchased in pieces with the correct incremental order quantities.

CLAMPS

BEAM CLAMPS

D.11 COMMERCIAL

D.14 INDUSTRIAL

CABLE CLAMPS

D.15 CABLE-TO-DROP WIRE/ATR

D.15 CONDUIT-TO-DROP WIRE/ATR

D.16 T-BAR ATTACHMENTS

D.16 CABLE-TO-STRUCTURE

D.17 CONDUIT-TO-BOLT MOUNT

D.17 CONDUIT-TO-STRUCTURE

Legrand clamps make installation of branch cabling simple and straightforward. Our product line covers the myriad of support clamps that are essential for every project.



BEAM CLAMPS

Structural beams and posts in commercial and industrial buildings are a natural anchor point for cable pathways. Our beam clamp product line includes clamps for every cable attachment and hanging problem with cast and welded steel bodies that can support threaded rod or attach trays directly to beams.



FUNCTION	CAPACITY RANGE
Commercial Industrial	- Beam flanges from 1/8" to 1/2" thick - Threaded rod from 1/4" to 3/4" - Channel from 13/16" to 3-1/4"

CABLE CLAMPS

Cable clamps are made of the highest quality spring steel to support cabling from drop wires, directly to studs or directly to structures. Each cable clamp is designed to secure cabling without additional hardware. All cable clamps are available in pre-galvanized finishes for interior use.



FUNCTION	CAPACITY RANGE
Cable-to-Drop Wire Cable-to-Structure	- Beam Flanges from 1/16" to 1/2" thick - Drop wire sizes from #8 to #12 - MC sizes from 14-2 to 8-3

BEAM CLAMPS

COMMERCIAL

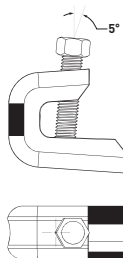
SPRING STEEL BEAM CLAMP



- Easy installation to beam flanges from 1/8" to 1/2" thick
- Supports 1/4" and 3/8" threaded rod, electrical boxes, conduit and bridle rings
- Accommodates standard 1/4"-20 or #10-24 threaded bridle rings
- The "lightweight-heavyweight" alternative to malleable clamps for support of various components to beams.

	PKG. QTY.	ROD DIA.	TORQUE	OPENING	STATIC LOAD	PKG. WEIGHT	
	INCREMENTAL ORDER QTY	IN	IN/LBS	IN	LBS	LBS	
CJSSBC	100	3/8	20	0.5	100	5.0	F000850

THREADED BEAM CLAMP



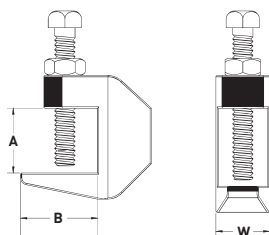
- Electro-galvanized
- Structural attachment to lower beams or purlins with 45° flanges up to 2" long and 90° flanges up to 1-1/2" high
- Set screw made of hardened steel

	PKG. QTY.	ROD DIA.	TORQUE	OPENING	STATIC LOAD	PKG. WEIGHT	
	INCREMENTAL ORDER QTY	IN	IN/LBS	IN	LBS	LBS	
CJBC 1/4	100	1/4	20	0.5	120	10.0	F000848

UNIVERSAL BEAM CLAMPS



- Electro-galvanized
- Structural attachment to top and bottom of metal beams, purlins, channel, or angle iron
- Set screw made of steel
- Compiled with Federal Specification A-A-1192A (Type 19) and MSS SP-69 (Type 19)



	PKG. QTY.	ROD DIA.	MAX LOAD TOP	MAX LOAD BOTTOM	A	B	W	PKG. WEIGHT	
	INCREMENTAL ORDER QTY	IN	LBS	LBS	IN	IN	IN	LBS	
CBC 3/8	100	3/8	500	250	3/4	3/4	3/4	31.0	F001130
CBC 1/2	50	1/2	950	760	3/4	7/8	3/4	16.0	F001131
CBC 5/8	25	5/8	950	760	3/4	1-1/4	1-1/8	18.0	F001100
CBC 3/4	25	3/4	950	760	3/4-13/16	1-1/8	1-1/4	22.0	F001101
CBC 7/8	25	7/8	950	760	3/4-13/16	1-1/8	1-1/4	38.0	F001102
CBCWD 3/8	100	3/8	500	250	13/16	1-1/4	7/8	41.0	F001103
CBCWD 1/2	50	1/2	950	760	1-1/4	13/16	7/8	21.0	F001104
CBCWD 5/8	25	5/8	950	760	1-1/4	1	1-1/8	18.0	F001105
CBCWD 3/4	25	3/4	950	760	1-1/4	1	1-1/4	20.0	F001106

*Color may vary based on availability

HAMMER ON BEAM CLAMP



- Easy hammer on installation
- 1/4" attachment hole for ceiling wire (CJ24 and CJ58)
- Spring steel/black/silver finish
- 1/4" thread for bolts/rods on CJFMP
- Load rating 200 lbs. (CJ24 and CJ58)
- 1/4" stud for attachment (CC24S)
- 1/4" thread for attachment (CJ912)

	PKG. QTY.		BEAM THICKNESS	
	INCREMENTAL ORDER QTY		IN	
CJ24	100		1/8 - 1/4	F000845
CJ58	100		5/16 - 1/2	F000846
CJFMP	100		1/8 - 1/2	F000847
CJ912	100		9/16 - 3/4	F000855
CM24	100		1/8 - 1/4	F001135
CM58	100		5/16 - 1/2	F001136

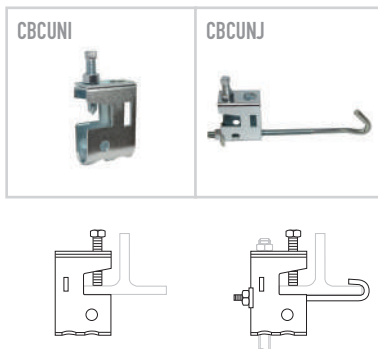
HAMMER ON/HOOK ON PURLIN CLAMPS



- Easy hammer on installation with standard ceiling tools
- 1/4" attachment hole for ceiling wire
- Spring steel
- Load rating 100 lbs.

	PKG. QTY.		PURLIN STYLE		PURLIN THICKNESS	
	INCREMENTAL ORDER QTY				IN	
CJZ14	100		Z Shaped		1/16 - 1/4	F000852
CJC14	100		C Shaped		1/16 - 1/4	F000853

MULTI-FUNCTION BEAM CLAMPS



- Structural attachment to beams to support threaded rod
- J-bolt provides additional stability in high vibration environments

	PKG. QTY.		ROD DIA.		OPENING		F1		F2	
	INCREMENTAL ORDER QTY		IN		IN		LBS		LBS	
CBCUNI	25		3/8 & 1/2		0.75		500		300	F001107
CBCUNJ	25		3/8 & 1/2		0.75		500		300	F001108

FASP CLAMP KIT



- Attaches FASP to beam

	PKG. QTY.		PKG. WEIGHT	
	INCREMENTAL ORDER QTY		LBS	
FASCLM KIT	2		0.4	942 930

*Color may vary based on availability

C-CLAMP



- Pressed steel beam clamp
- Conforms with Federal Specification WW-H-171 (Type 23), Manufacturers Standardization Society ANSI®/MSS-SP-58 (Type 23)

	PKG. QTY.	ROD DIA.	TORQUE	OPENING	PKG. WEIGHT	
	INCREMENTAL ORDER QTY	IN	FT/LBS	IN	LBS	
CBCC3/8	100	3/8	5.0	0.75	34.0	F001115
CBCC1/2	100	1/2	5.0	0.75	40.0	F001116

SCREW BEAM CLAMP



- Heavy-duty
- Malleable iron

	PKG. QTY.	ROD DIA.	OPENING	PKG. WEIGHT	
	INCREMENTAL ORDER QTY	IN	IN	LBS	
CBCLD1/4	50	1/4	0.75	10.0	F001112
CBCLD3/8	25	3/8	0.625	13.0	F001113
CBCLD1/2	25	1/2	0.75	24.0	F001114

ZINC-PLATED STEEL STRUT BEAM CLAMPS



C41UCLM/C41UX2CLM

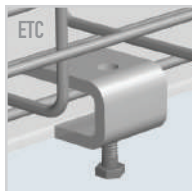
- For 13/16" to 3-1/4" high channel
- 1200 lb. load capacity (in pairs)
- Recommended torque: 150in./lbs.

C41WCLM

- ASTM A1011
- 900 lb. load capacity

	PKG. QTY.		OPENING	FLANGE	PKG. WEIGHT	
	INCREMENTAL ORDER QTY	DESCRIPTION	IN		LBS	
C41UCLM	50	SINGLE	1.625	3/4" MAX	33.5	F001119
C41UX2CLM	50	DOUBLE	3.25	3/4" MAX	38.0	F001120
C41WCLM	25	FLANGE	1.625	5/8" MAX	18.0	F001121

STEEL BEAM CLAMP



- Secures tray directly to I-beam
- No additional attachment hardware needed
- Set screw included

	HEIGHT	WEIGHT	
	IN	LBS	
ETC 20	0.8	0.2	942 819
ETC 30	1.0	0.4	942 820

*Color may vary based on availability

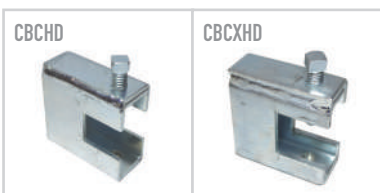
INDUSTRIAL

MALLEABLE C-CLAMP



	PKG. QTY.	ROD DIA.	TORQUE	OPENING	STATIC LOAD	PKG. WEIGHT	
	INCREMENTAL ORDER QTY	IN	FT/LBS	IN	LBS	LBS	
CMBCC3/8	100	3/8	5.0	0.75	250	34.0	F001117
CMBCC1/2	100	1/2	11.0	0.75	360	29.0	F001118

WELDED BEAM CLAMP



- Structural attachment to beams to support threaded rod

	PKG. QTY.	ROD DIA.	OPENING	STATIC LOAD	PKG. WEIGHT	
	INCREMENTAL ORDER QTY	IN	IN	LBS	LBS	
CBCHD 1/4	20	1/4	0.875	650	14.0	F001132
CBCHD 3/8	20	3/8	0.875	650	13.0	F001133
CBCHD 1/2	20	1/2	0.875	1,100	19.5	F001134
CBCXHD 3/8	20	3/8	1.688	1,300	13.0	F001109
CBCXHD 1/2	20	1/2	1.688	1,900	19.5	F001110
CBCXHD 5/8	20	5/8	1.688	1,900	24.0	F001111

RESTRAINING STRAPS



	PKG. QTY.	HOLE	LENGTH	PKG. WEIGHT	
	INCREMENTAL ORDER QTY	GAGE	IN	LBS	
CSTRPH8	50	16	8	8.5	F001122
CSTRPH10	50	16	10	9.6	F001123
CSTRPH12	50	16	12	10.8	F001124
CSTRPH14	50	16	14	12.1	F001125
CSTRP8	50	16	8	12.0	F001126
CSTRP10	50	16	10	16.0	F001127
CSTRP14	50	16	14	20.0	F001128
CSTRP16	50	16	16	24.0	F001129

CABLE CLAMPS

CABLE-TO-DROP WIRE / ATR

CABLE-TO-DROP WIRE CLIP



	MC/AC	WIRE QTY.	WIRE SIZE	OPENING SIZE	PKG. QTY.	WEIGHT	
				IN	INCREMENTAL ORDER QTY	LBS	
CCW4	14-2 to 12-3	1	#8-#12	—	100	1.2	F002300
CCMC7W	10-3 to 8-3	7	#8-#12	—	100	9.1	F002312

MULTI-FUNCTION DROP WIRE CLIPS



	WIRE SIZE	MOUNT ATTACHMENT	PKG. QTY.	WEIGHT	
		IN	INCREMENTAL ORDER QTY	LBS	
CJBW	#8-#12	1/4 ROD	100	2.5	F000854
CC6W34	#8-#12	3/8 PLAIN OR THREADED ROD 3/8 - 7/16	100	2.4	F002325
CJBWS	#8-#12	1/4 ROD, 1/4 SCREW	100	3.5	F002306

CONDUIT-TO-DROP WIRE / ATR

DROPWIRE CLIPS



	EMT	CONDUIT SIZE	PKG. QTY.	WEIGHT	
	IN	IN	INCREMENTAL ORDER QTY	LBS	
CCW6	1	3/4	100	3.5	F002304
CCW8	1/2	1/2	100	3.0	F002302
CCW12	1/2, 3/4	3/4	100	3.5	F002303

SNAP-CLOSE ROD/WIRE CLIP



	EMT/RIGID DIA.	WIRE	ROD	PKG. QTY.	WEIGHT	
	IN		IN	INCREMENTAL ORDER QTY	LBS	
CC16W4	1	#12	1/4	100	8.2	F002319

*Color may vary based on availability

PUSH-IN ROD/WIRE CLIP

CCP16W4



	EMT DIA.	WIRE SIZE	FLANGE	PKG. QTY.	WEIGHT	
	IN		IN	INCREMENTAL ORDER QTY	LBS	
CCP16W4	1	#12	1/8-3/8	25	6.5	F002307

T-BAR ATTACHMENTS

STEEL T-BAR CLIPS

CAAC



CCTMC



BAH416



	APPLICATION	T-GRID	SCREW L	PKG. QTY.	WEIGHT	
		IN	IN	INCREMENTAL ORDER QTY	LBS	
CAAC	Track Lighting, with Pal Nut	15/16	5/8	100	5.5	F002320
CA49	with Wing Nut	9/16	5/8	100	8.0	F002324
CCTMC*	T-Grid MC Support	ALL	—	100	6.6	F002317
BAH416	with Plain Hole, for 1/16" max flange	15/16	NONE	100	2.0	F002321

CABLE-TO-SHEET METAL STUD CLIPS

CCJ6



CCMC7



	MC/AC	CAPACITY	PKG. QTY.	WEIGHT	
			INCREMENTAL ORDER QTY	LBS	
CCJ6*	14-2 to 8-3	6	100	4.5	F002301
CCMC7*	10-3 to 8-3	7	100	6.0	F002311
CCMC8*	14-3 to 10-2	8	100	6.2	F002308

CABLE-TO-STRUCTURE

MC CABLE CLAMPS

CCMC58B



CCMC724



	ATTACHMENT TYPE	MC/AC	MOUNT TYPE	FLANGE	PKG. QTY.	WEIGHT	
				IN	INCREMENTAL ORDER QTY	LBS	
CCMC58B	FLANGE CLIP	14-4 to 10-3	BOTTOM	5/16-1/2	100	9.3	F002316
CCMC724	FLANGE CLIP	14-3 to 10-2	BOTTOM	1/8-1/4	100	8.3	F002323

CABLE SNAP CLIPS



	OPENING SIZE	FLANGE	PKG. QTY.	WEIGHT	
	IN	IN	INCREMENTAL ORDER QTY	LBS	
CCMC216	0.468 - 0.562	1/16 - 3/16	100	1.2	F002309
CCMC218	0.5 - 0.718	1/16 - 3/16	100	1.2	F002314
CCMC418	0.5 - 0.718	3/16 - 9/32	100	1.2	F002315
CCMC59	0.468 - 0.562	5/16 - 1/2	100	1.2	F002318

CABLE HANGERS



	CABLE QTY.	WIRE	PKG. QTY.	
	IN	GAGE	INCREMENTAL ORDER QTY	
CCWH3	3	14	100	F002322
CCWH6	6	14	100	F002310

Size for MC/AC cables 14-2 to 8-3

CONDUIT-TO-BOLT MOUNT

GRID WIRE



	DESCRIPTION	PKG. QTY.	WEIGHT	
		INCREMENTAL ORDER QTY	LBS	
CGRD	Signal Reference Grid Wire Clamp	100	7	F002313

CONDUIT-TO-STRUCTURE

CONDUIT-TO-STRUCTURE ATTACHMENTS



	APPLICATION	EMT	HOLE	FLANGE	PKG. QTY.	WEIGHT	
			IN		INCREMENTAL ORDER QTY	LBS	
CAC†	Angle Bracket	—	1/4	—	100	4.0	F002305
CAC6	Angle Bracket	—	3/8	—	100	4.0	F002326

*Color may vary based on availability

BOX BRACKETS

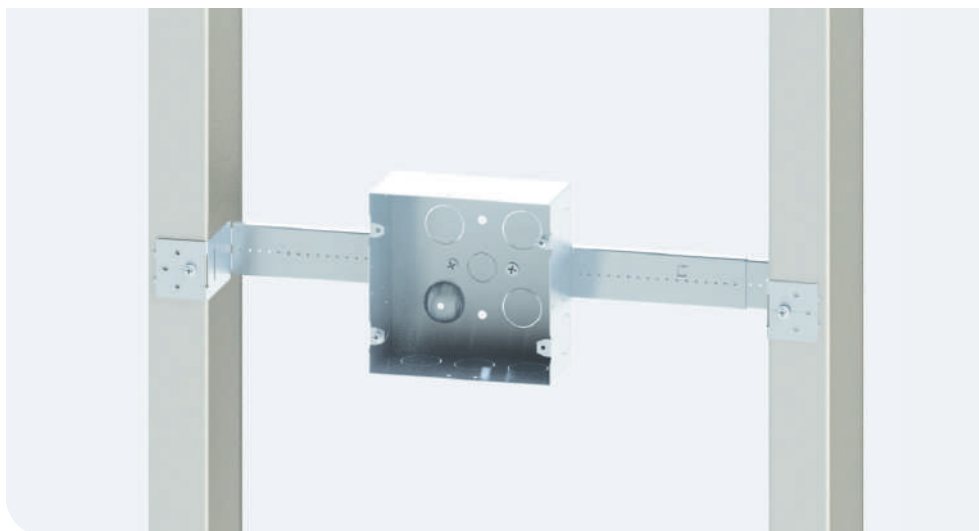
D.19 WALL BRACKETS

D.22 CEILING BRACKETS

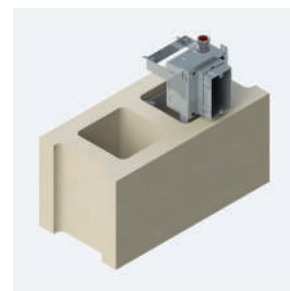
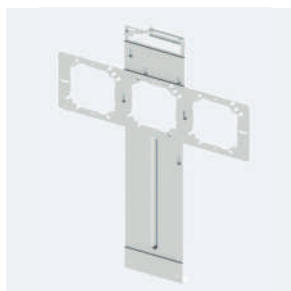
**D.23 CONCRETE WALL
BOX BRACKETS**

D.24 FLOOR BRACKETS

**D.27 OTHER WIRE & CABLE
HANGERS**



From the floor to the ceiling, Cablofil® has the box bracket for your next electrical project. Electrical box brackets for walls that are easy to install to telescoping brackets for off-width studs and infinite box positions are available in multiple box combinations and sizes. New to our product line is box/conduit hangers – these are the everyday choice that save installation time with self-locking spring steel clips reducing the need for additional hardware. Our hanger products attach to suspended ceiling grids, hang from threaded rod and wire and each are designed to install quickly and securely. Our line also includes box brackets for concrete walls and floor brackets. Now, Cablofil has it all.



BOX BRACKET FEATURES:

- Components are designed to install quickly without modification and with simple attachment hardware.
- Pre-galvanized for long lasting finish in interior applications
- Sized to fit either 4" square or 4-11/16" boxes

WALL BRACKETS

Versatility for any location.

TELESCOPING BOX BRACKETS

Available in two sizes, this sturdy bracket can be used for mounting boxes or for cable support. Openings allow for easy box mounting and mounting to the stud. End tabs easily fold to fit multiple box depths. The length is locked into place when the box is mounted using two screws (not supplied). These brackets offer offsets of 1-1/2" and 2-1/8".

Quick and Easy Field Fabrication for Octangular Standard Box Depths

For 1-1/2" depth boxes

For 2-1/8" depth boxes

CWTBB16
16"
(11-18")

CWTBB24
24"
(17-26")

Box Not Included

TELESCOPING BOX SUPPORT

For heavier loads or multiple box placements, this support is the answer. Fits 16" to 24" stud placements and anything in between – no cutting or field fabrication is needed. Any 4-11/16" box mounts from the back and is secured when the plaster ring is attached from the front side. Side-to-side adjustment is easy after mounting.

CWTBBS

CWTBBC

patent #10,361,547

Box not included

		PKG. QTY.	MIN. LENGTH	MAX. LENGTH	PKG. WEIGHT	
	DESCRIPTION		IN	IN	LBS	
CWTBB16	Telescoping Box Bracket	50	11	18	25	F000065
CWTBB24	Telescoping Box Bracket	50	17	26	33	F000066
CWTBBS	Telescoping Support Bracket	25	16	27	20	F000067
CWTBBC	Box Mounting Clip for CWTBBS Slider Bracket	50	-	-	8.2	F002161

WALL BRACKETS

Pregalvanized components for single and multiple gangs.

Wall brackets make prefabricating switch and outlet assemblies easy. The design includes mounting holes and slots to accept far side supports (sold separately).



Construction: 18 gage pre-galvanized steel. UL Listed.

Prefabrication: The design accepts 4" and 5" plaster rings and 4", 4-11/16" and 5" square boxes mounted horizontally or vertically.

Installation: Pre-drilled holes are provided for attachment screws to the studs. Far Side Support Arms attach to the back of the bracket to support the assembly against the wall behind. No attachment hardware is needed.

Symmetrical design allows simpler and easier prefab

Keyhole Openings allow 4", 4-11/16" and 5" x 2-1/8" boxes to remain attached when plaster ring is removed

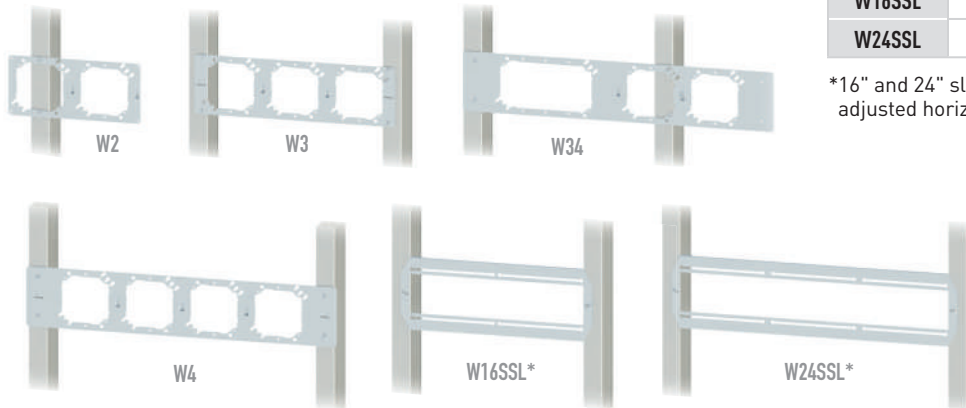
Counter Sunk Box Attachment Holes for 4-11/16" x 2-1/8" boxes allow 4" rings to be mounted independently

Support Arms are attached to the back of the bracket using the two slots provided.

Stud alignment tabs - (W1, W34, W4 only)

Wall Bracket attachment holes

- Wall brackets accept 4" and 4-11/16" plaster rings and 4", 4-11/16" and 5" square boxes mounted horizontally or vertically.
- Keyhole openings allow 4", 4-11/16" and 5" x 2-1/8" boxes to be mounted independently.
- Pre-drilled for attachment with screws to the studs.



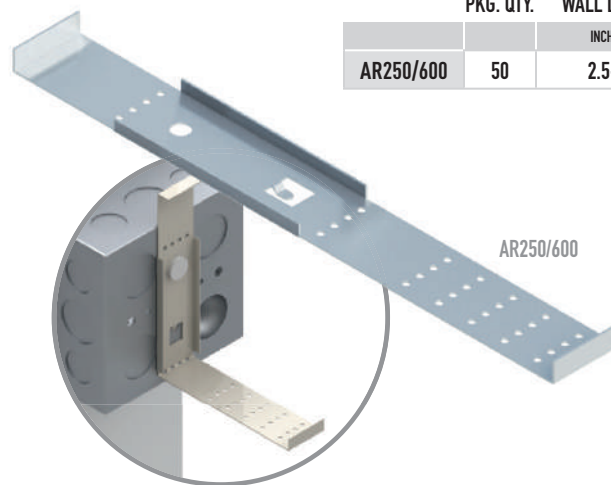
	PKG. QTY.	OPENINGS	HEIGHT		WIDTH
			IN	IN	
W1	25	1	5	8.5	FP211097
W2	25	2	5	11	FP211101
W3	25	3	5	16.75	FP211103
W4	25	4	5	26	FP211105
W34	25	3	5	26	FP211104
W16SSL	25	16" Slider	6	16.75	FP211100
W24SSL	25	24" Slider	6	26	FP211102

*16" and 24" slider brackets allows electrical boxes to be adjusted horizontally

ADJUSTABLE SUPPORT ARM

The Adjustable Far Side Support Arm is perforated to make it easy to fit any sized wall depth to stabilize floor and wall brackets. Just use a pliers to adjust. The AR250/600 fits wall depths from 2½" to 6" and reduces engineering time for job sites with varied stud sizes and wall depths. AR250/600 works with 2½" boxes only.

Construction: 18 gage pre-galvanized steel

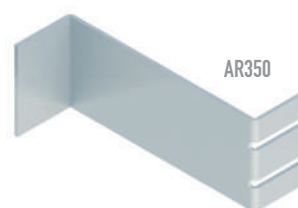


	PKG. QTY.	WALL DEPTH	
		INCHES	
AR250/600	50	2.5-6	FP211055

FIXED DEPTH SUPPORT ARMS

Product line includes 8 far side support arms for 3" depth to 6½" walls. Each snap easily onto any of our floor or wall brackets.

Construction: 18 gage pre-galvanized steel



	PKG. QTY.	WALL DEPTH	
		INCHES	
AR250	50	2.5	FP211040
AR300	50	3	FP211041
AR350	50	3.5	FP211042
AR400	50	4	FP211043
AR450	50	4.5	FP211044
AR500	50	5	FP211045
AR600	50	6	FP211048
AR650	50	6.5	FP211049

CEILING BRACKETS

Spring Steel brackets for overhead assemblies.



Legrand has a complete line of box and conduit supports for wall and plenum applications. Many of these products can be installed without additional hardware with spring steel clips that secure conduit with a snap.

FEATURES:

- Components are designed to install quickly without modification and with simple attachment hardware.
- Pre-galvanized for long lasting finish in interior applications
- Sized to fit either 4" square or 4-11/16" boxes

T-GRID BOX HANGERS



	DESCRIPTION	PKG. QTY.	PKG. WEIGHT		
		PCS	LBS		
CA12	Std. 24" T-Grid Box Hanger	50	27		F002005

BOX/CONDUIT HANGER WITH ROD/WIRE CLIP



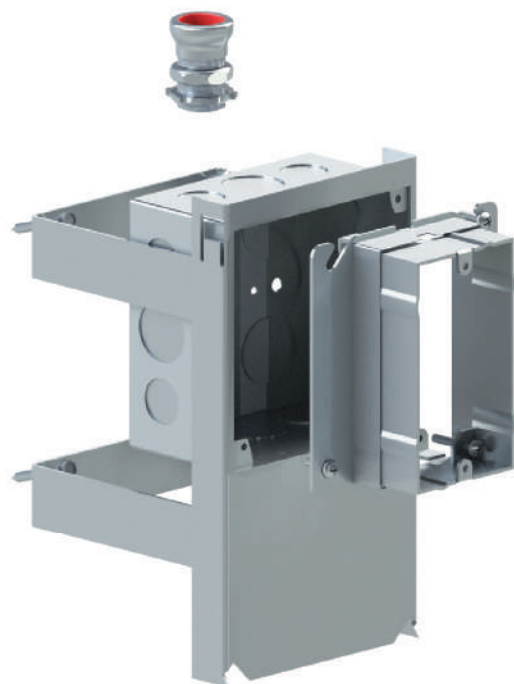
	LENGTH	EMT	MOUNT TYPE	PKG. QTY.	WEIGHT		
	IN	IN		PCS	LBS		
CC6MBW4	18	3/8	1/8-1/4 BEAM CLIP	25	8.6		F002065
CC812MBW	18	1/2, 3/4	#12 WIRE	25	9.0		F002024
CC812MBW6	18	1/2, 3/4	3/8" ROD	25	9.0		F002087

OTHER BOX SUPPORT ACCESSORIES



	DESCRIPTION	PKG. QTY.	WEIGHT		
		PCS	LBS		
TEK812	1/2" Self-Drilling / Tapping Screw, #8	100	8.6		F002150

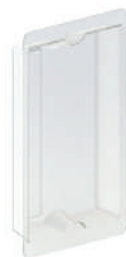
CONCRETE WALL BOX BRACKETS



patent #8,812,440

CONCRETE WALL BOX BRACKET

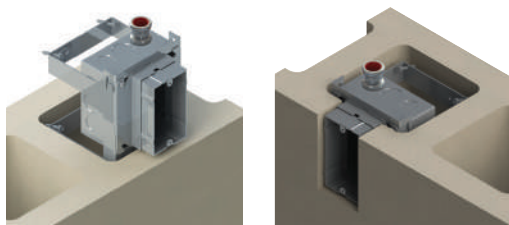
Box placement can be difficult when building concrete block walls, but the FB816 bracket keeps all wall boxes correctly placed during construction.



Construction: 18 gage pre-galvanized steel.
ETL Listed. Patented design.

Prefabrication: Designed to hold a 4" x 2-1/8" metallic box.

Installation: After cutting the proper sized opening in the concrete block, position the assembly and tighten mounting screws. All mounting hardware is included.



		PKG. QTY.	
	DESCRIPTION		
FB816	Concrete Wall Bracket Only	1	FP271884
FB816-D-12CONN	Concrete Wall Bracket and 1/2" EMT Assembly	1	FP003697
FB816-D-3/4CONN	Concrete Wall Bracket and 3/4" EMT Assembly	1	FP003698
FB816-D-1CONN	Concrete Wall Bracket and 1" EMT Assembly	1	FP003699

FLOOR BRACKETS

Sizes to fit **any project.**

F-Series Floor Brackets make it easy to prefabricate electrical assemblies for branch circuit wiring. It features an innovative built-in wire manager. It manages multiple-sized MC cable types so no attachment to the stud needed. The design permits fast installation anywhere between studs and ensures correct device mounting height without measuring. Other design features include predrilled mounting holes in the base and slots to accept far side supports (sold separately).

Construction: 18 gage pre-galvanized steel. UL Listed.

Prefabrication: The design accepts 4" and 5" plaster rings and 4" and 4-11/16" square boxes mounted horizontally or vertically. A wire manager is built into the design of the base. Just detach, make a few bends with a pliers and slide in place.

Installation: The Floor Bracket is installed by kicking the lower flange under the wall plate. Two holes are provided for attachment screws if needed. Far Side Support Arms attach to the back of the bracket to support the assembly against the wall behind. No attachment hardware is needed.

Support Arms attach to the back of the bracket using the two slots provided.

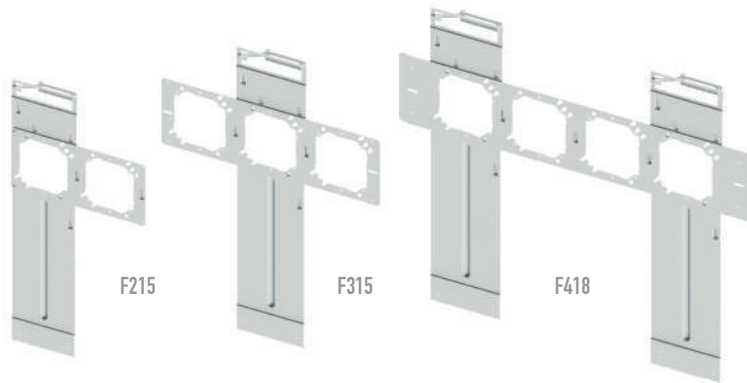
Keyhole Openings allow 4" or 4-11/16" x 2-1/8" boxes to remain attached

Attachment Holes for 4" rings allow 4-11/16" x 2-1/8" boxes to be mounted independently.

Attachment Holes for 4-11/16" x 2-1/8" boxes allow 4" rings to be mounted independently

Multiple Box Heights are available from 12" to 24"

- Floor brackets are available in 1 to 4 gang options.
- Multiple sizes available with box heights from 12" to 24"
- Keyhole openings allow 4", 4-11/16" and 5" x 2-1/8" boxes to remain attached.
- Attachment holes for 4" rings allow 4-11/16" x 2-1/8" boxes to be mounted independently.

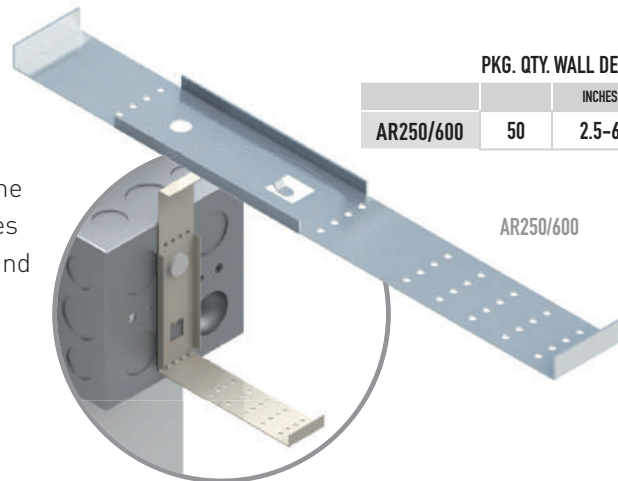


	PKG. QTY.	OPENINGS	CENTER HEIGHT		BRACKET WIDTH		
			IN	MM	IN	MM	
F112	25	1	12	300	5	125	FP981552
F115	25	1	15	380	5	125	FP981553
F118	25	1	18	450	5	125	FP981555
F124	25	1	24	600	5	125	FP981556
F212	25	2	12	300	5	125	FP981557
F215	25	2	15	380	5	125	FP981558
F218	25	2	18	450	5	125	FP981560
F224	25	2	24	600	5	125	FP981561
F312	25	3	12	300	5	125	FP981562
F315	25	3	15	380	5	125	FP981563
F318	25	3	18	450	5	125	FP981565
F324	25	3	24	600	5	125	FP981566
F418	25	4	18	450	5	125	FP981593

ADJUSTABLE SUPPORT ARM

The Adjustable Far Side Support Arm is perforated to make it easy to fit any sized wall depth to stabilize floor and wall brackets. Just use a pliers to adjust. The AR250/600 fits wall depths from 2½" to 6" and reduces engineering time for job sites with varied stud sizes and wall depths. AR250/600 works with 2½" boxes only.

Construction: 18 gage pre-galvanized steel

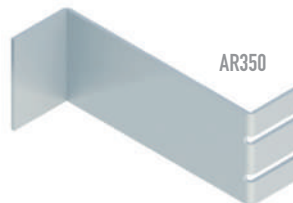


PKG. QTY. WALL DEPTH			
		INCHES	
AR250/600	50	2.5-6	FP211055

FIXED DEPTH SUPPORT ARMS

Product line includes 8 far side support arms for 3" depth to 6½" walls. Each snap easily onto any of our floor or wall brackets.

Construction: 18 gage pre-galvanized steel



PKG. QTY. WALL DEPTH			
		INCHES	
AR250	50	2.5	FP211040
AR300	50	3	FP211041
AR350	50	3.5	FP211042
AR400	50	4	FP211043
AR450	50	4.5	FP211044
AR500	50	5	FP211045
AR600	50	6	FP211048
AR650	50	6.5	FP211049

WALL BRACES FOR FLOOR BRACKETS

Wall braces stabilize floor brackets where support arms are not an option. Available for 16" and 24" stud spacing.

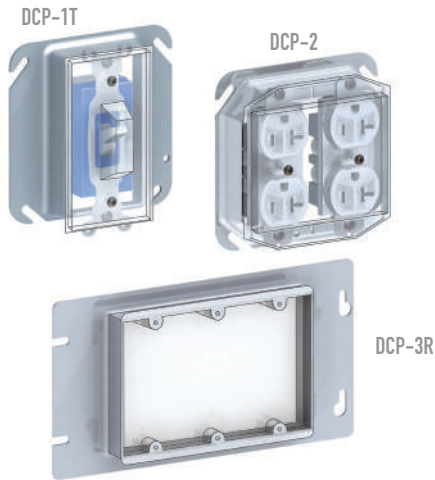
Construction: Zinc-plated steel.



PKG. QTY. STUD SPACING			
		INCHES	
T16	50	16	FP211108
T24	50	24	FP211112

PLASTIC DEVICE COVERS

Attach to the front of receptacles, switches or can be snapped onto empty mud rings to keep them clean, dust free and finish ready during the taping and painting process. The covers are replaced later with faceplates at the trim out phase of construction.



USE TO COVER DEVICES

	PKG. QTY.	BOX SIZE / DEVICE TYPE	HANGERS INCLUDED	
DCP-1	50	SINGLE GANG RECEPTACLE	(2) #8-32 SCREWS	FP003414
DCP-2	50	DOUBLE GANG RECEPTACLE	(2) #8-32 SCREWS	FP003416
DCP-3	50	THREE GANG RECEPTACLE	(2) #8-32 SCREWS	FP003418
DCP-4	50	FOUR GANG RECEPTACLE	(2) #8-32 SCREWS	FP003420
DCP-1T	50	SINGLE GANG TOGGLE SWITCH	(2) #8-32 SCREWS	FP003415
DCP-2T	50	DOUBLE GANG TOGGLE SWITCH	(2) #8-32 SCREWS	FP003417
DCP-3T	50	THREE GANG TOGGLE SWITCH	(2) #8-32 SCREWS	FP003419
DCP-4T	50	FOUR GANG TOGGLE SWITCH	(2) #8-32 SCREWS	FP003421
DCP-DT	50	DBL. GANG TOGGLE SWITCH & DEVICE	(2) #8-32 SCREWS	FP003422

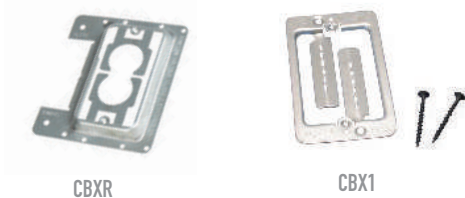
RECESSED - KEEPS PLASTER/MUD OUT OF OPENING

	PKG. QTY.	BOX SIZE / DEVICE TYPE	HANGERS INCLUDED	
DCP-1R	50	SINGLE GANG COVER ONLY	NONE	FP231068
DCP-2R	50	DOUBLE GANG COVER ONLY	NONE	FP231071
DCP-3R	50	THREE GANG COVER ONLY	NONE	FP231074
DCP-4R	50	FOUR GANG COVER ONLY	NONE	FP231077
DCP-R	50	3" ROUND COVER ONLY	NONE	FP231080

LOW VOLTAGE MOUNTING PLATES

Eliminates the need for an electrical box for Class 2 low-voltage wiring.

Construction: Galvanized steel

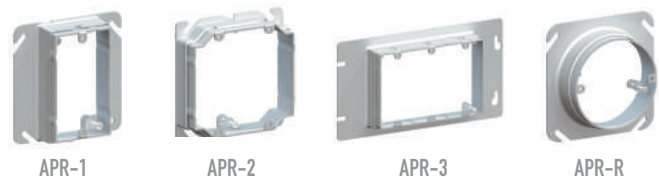


	PKG. QTY.	BOX SIZE / DEVICE TYPE	
CBXR		SINGLE GANG	F002079
CBX1	100	SINGLE GANG, w/ SCREWS	F002011

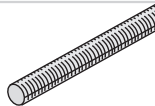
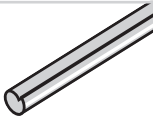
ADJUSTABLE RINGS

Useful in installation where wall thicknesses are unknown at the time of order or electrical rough in.

Construction: Galvanized steel

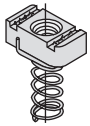
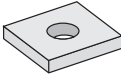
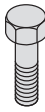


	PKG. QTY.	BOX SIZE / DEVICE TYPE	RING ADJUSTMENT	
APR-1-5/8	25	SINGLE GANG	5/8" TO 1 1/4"	FP211051
APR-1	25	SINGLE GANG	3/4" TO 1 1/2"	FP211050
APR-2	25	TWO GANG	5/8" TO 1 1/2"	FP211052
APR-3	25	THREE GANG	3/4" TO 1 1/2"	FP211053
APR-R	25	3-0 ROUND	3/4" TO 1 1/2"	FP211054

													
ROD COUPLING NUT	FLAT, ROUND WASHER	HEX NUT	SLIP-ON LOCK NUT	THREADED ROD	THREADED ROD PROTECTOR								
DESCRIPTION	PRODUCT NUM.	QTY.	DIA.	LENGTH	PITCH	EZ	GC	304L	316L	BL	PE	PL	ZN
			IN	FEET									
ROD COUPLING NUT	EZ CN 1/4	100	1/4	—	20	941 094	—	—	941 060	—	—	—	
	EZ CN 3/8	100	3/8	—	16	941 205	—	—	941 061	—	—	—	
	EZ CN 1/2	100	1/2	—	13	942 790	942 791	—	942 792	942 793	942 794	—	
	DS-0237-06-ZN		5/8	—		—	—	—	—	—	—	—	*
FLAT, ROUND WASHER	EZ FW 1/4	100	1/4	—	20	941 511	942 687	—	941 065	942 309	942 381	—	
	EZ FW 3/8	100	3/8	—	16	941 612	942 688	—	941 066	942 310	942 382	—	
	EZ FW 1/2	100	1/2	—	13	942 464	942 784	—	942 785	942 786	942 787	—	
	DS-8594-01-ZN		5/8	—		—	—	—	—	—	—	—	*
HEX NUT	EZ HN 1/4	100	1/4	—	20	941 713	—	—	941 067	—	—	—	
	EZ HN 3/8	100	3/8	—	16	941 915	—	—	941 069	—	—	—	
	EZ HN 1/2	100	1/2	—	13	941 814	—	—	941 068	—	—	—	
	DS-8532-01-ZN		5/8	—		—	—	—	—	—	—	—	*
SLIP-ON LOCK NUT	SON1/4	2	1/4	—	20	943 351	—	—	—	—	—	—	
	SON3/8	2	3/8	—	18	943 352	—	943 355	—	—	—	—	
	SON1/2	2	1/2	—	12	943 353	—	943 356	—	—	—	—	
	SON5/8	2	5/8	—	11	943 354	—	—	—	—	—	—	
THREADED ROD	THRD 1/4	1	1/4	6	20	942 351	—	—	942 471	—	—	—	
	THRD 3/8	1	3/8	6	16	942 353	—	—	942 472	—	—	—	
	THRD 1/2	1	1/2	6	13	942 465	—	—	942 789	—	—	—	
	DS-0257-12-ZN	1	5/8	12		—	—	—	—	—	—	—	*
THREADED ROD PROTECTOR	THRDPT	10		0.5	—	—	—	—	—	—	—	942 947	

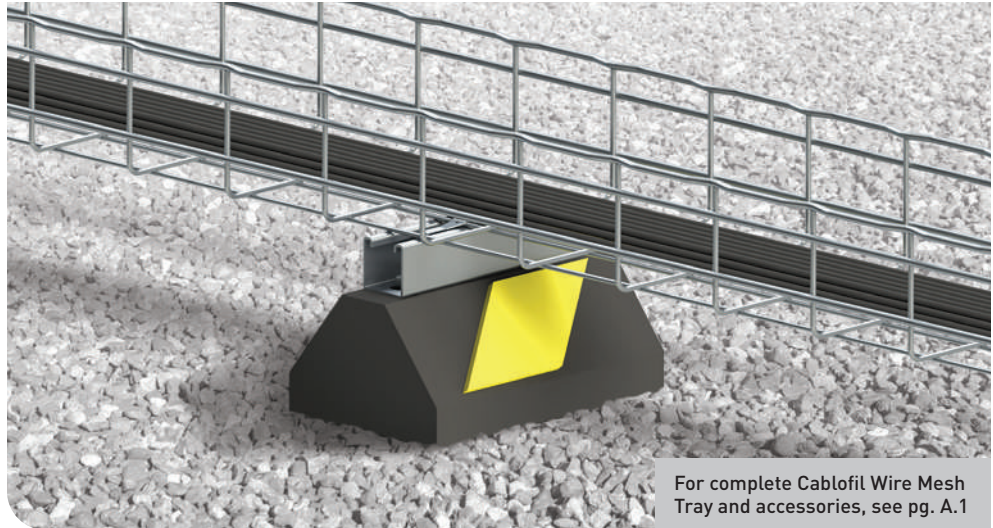
— Contact manufacturer for availability.

* In stock. Contact manufacturer.

					
CHANNEL NUT w/ SPRING	CHANNEL NUT w/o SPRING	FLANGED HEX NUT	SQUARE CHANNEL WASHER	HEX HEAD BOLT	CARRIAGE BOLT
DESCRIPTION	SIZE	ZN	DESCRIPTION	SIZE	ZN
CHANNEL NUT w/ SPRING	3/8"-16	DS-0102-05-ZN	HEX HEAD BOLT	1/4"-20 x 3/4"	DS-8502-01-ZN
	1/2"-13	DS-0102-07-ZN		1/4"-20 x 1 1/4"	DS-8502-08-ZN
CHANNEL NUT w/o SPRING	3/8"-16	DS-0103-05-ZN		3/8"-16 x 1 1/2"	DS-8520-05-ZN
	1/2"-13	DS-0103-07-ZN		1/2"-13 x 1 1/2"	DS-8515-15-ZN
FLANGED HEX NUT	1/4"-20	DS-8845-01-ZN	CARRIAGE BOLT	3/8"-16 x 1 1/2"	DS-8510-04-ZN
	3/8"-16	DS-8524-01-ZN		3/8"-16 x 2 1/2"	DS-8510-08-ZN
	1/2"-13	DS-8644-01-ZN		3/8"-16 x 3 1/2"	DS-8510-11-ZN
SQUARE CHANNEL WASHER	1 5/8" w/ 3/8" HOLE	DS-0113-02-ZN	Safe Load: *750 lbs.; †1100 lbs.; †1600 lbs.		
	1 5/8" w/ 1/2" HOLE	DS-0113-03-ZN			

CABLOPORT®

- D.29 CP**
CABLOPORT BASE ONLY
- D.29 CPS/CPP**
CABLOPORT BASE
w/ FAS P OR STRUT SUPPORT
- D.30 CPPE/CPSE**
CABLOPORT EXTENSION SERIES
w/ FAS P OR CHANNEL SUPPORT
- D.30 CPSME**
CABLOPORT MEDIUM LOAD
SERIES w/ CHANNEL SUPPORT
- D.31 CPPB/CPSB**
CABLOPORT BRIDGE SERIES
w/ FAS P OR CHANNEL SUPPORT
- D.31 CPSA**
CABLOPORT VARI-ANGLE SERIES
w/ CHANNEL SUPPORT



For complete Cablofil Wire Mesh Tray and accessories, see pg. A.1

CabloPort is a UV and weather resistant rubber base that creates a cushion between rooftop mounted equipment and sensitive roofing materials. Available in two styles: Standard is perfect for smaller loads and tight spaces, with a broader base minimizing roof pressure and more area for glue application. CabloPort is available with pre-installed FAS P and Channel options for a variety of uses.

Non-Penetrating Weather Resistant Bases

- UV resistant rubber bases will not deteriorate over time
- Rubber base design supports up to 600lb.
- Composite material accepts screws or other mechanical wire and cable hangers
- Made from 100% recycled rubber for green building certification

Preinstalled Metal Supports

- FAS P allows for easy installation of wire mesh tray
- Slotted Channel supports PW ladder tray and tubing
- Supports are available in three finishes for exterior applications
- Options for sloped roofs and elevated pathways

Extends life of roof and improves safety

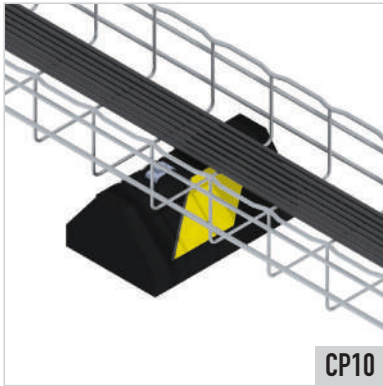
- Rubber base reduces pressure points on sensitive roofing materials
- Dampens vibrations from rooftop mounted equipment
- Reflective Safety Strip makes roof installations safer



For complete PW Ladder Tray and accessories, see pg. B.1

Innovative solutions for rooftop support.

CP CABLOPORT BASE ONLY

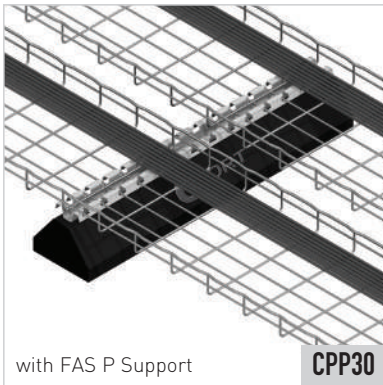


- Cable pathway or other products mounted to base with clamps and screws.
- Install on any roofing material or other flat surface.
- Maximum Load 600 lbs.
- Composite material allows through bolts or lag type screws (through bolts recommended)

	SUPPORT	HEIGHT		WIDTH		BASE LENGTH		WEIGHT		
		INCHES	MM	INCHES	MM	INCHES	MM	LBS	KG	
CP5	NONE	4.0	100	6.0	150	5.0	125	2.6	1.2	943 523
CP10		4.0	100	6.0	150	9.6	240	4.6	2.0	943 524
CP20		4.0	100	6.0	150	19.5	500	9.3	4.2	943 525
CP30		4.0	100	6.0	150	28.8	730	16.0	7.3	943 526

*RBR= Rubber

CPS/CPP CABLOPORT BASE WITH STRUT OR FAS P SUPPORT



- For support of tray, piping or other items on flat roofs.
- Two support styles: FAS Profile for wire mesh trays or 13/16" galvanized channel (14 ga.) for ladder tray, piping or other material support.
- Install on any roofing material or other flat surface.
- Max load 600 lb.

with FAS P Support

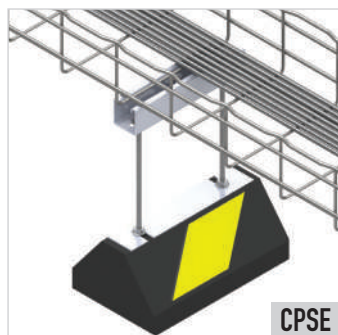
CPP30

	SUPPORT	HEIGHT		SUPPORT LENGTH		BASE LENGTH		WEIGHT		PG
		INCHES	MM	INCHES	MM	INCHES	MM	LBS	KG	
CPS5	STRUT	5.0	125	6.0	105	5.0	125	3.0	1.4	943 534
CPS10		4.9	120	10.0	250	9.6	240	5.3	2.4	943 535
CPS20		4.9	120	22.0	550	19.5	500	9.9	4.5	943 537
CPS30		4.9	120	28.0	710	28.8	730	16.3	7.4	943 538
CPP5	FAS P	5.0	125	6.0	105	5.0	125	3.0	1.4	943 529
CPP10		5.0	125	12.0	300	9.6	240	5.0	2.3	943 530
CPP20		5.0	125	24.0	600	19.5	500	9.7	4.4	943 531
CPP30		5.0	125	30.0	750	28.8	730	18.5	8.4	943 532

– Contact manufacturer for availability.

CPPE/CPSE

CABLOPORT EXTENSION SERIES WITH FAS P OR CHANNEL SUPPORT



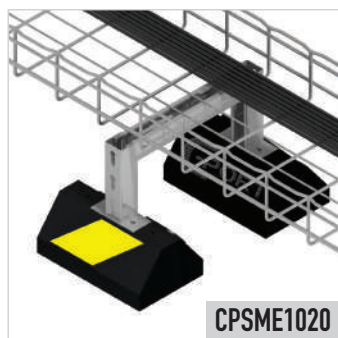
- Height adjustable.
- For support of cable pathways with varying heights.
- Base includes two (2) 1/2" Electro zinc threaded rod risers and FAS Profile or channel.
- Install on any roofing material.
- Maximum load 150 lbs.

	SUPPORT	HEIGHT		SUPPORT LENGTH		BASE LENGTH		WEIGHT		PG
		INCHES	MM	INCHES	MM	INCHES	MM	LBS	KG	
CPPE10-88	FAS P	8.0	200	8.0	200	9.6	240	6.2	2.8	943 565
CPPE20-818		8.0	200	18.0	450	19.5	500	9.3	5.4	943 567
CPPE20-824		8.0	200	24.0	600	22.0	550	13.6	6.2	943 568
CPPE10-128		12.0	300	8.0	200	9.6	240	6.5	2.9	943 569
CPPE20-1218		12.0	300	18.0	450	19.5	500	9.9	5.5	943 571
CPPE20-1224		12.0	300	24.0	600	19.5	500	9.9	5.8	943 572
CPSE10-810	STRUT	8.0	200	10.0	250	9.6	240	6.2	2.8	943 601
CPSE20-822		8.0	200	22.0	550	19.5	500	9.9	5.5	943 603
CPSE30-828		8.0	200	28.0	710	28.8	730	19.4	8.8	943 604
CPSE10-1210		12.0	300	10.0	250	9.6	240	6.5	2.9	943 605
CPSE30-1228		12.0	300	28.0	710	28.8	730	19.6	8.9	943 608

– Contact manufacturer for availability.

CPSME

CABLOPORT MEDIUM LOAD SERIES WITH CHANNEL SUPPORT



- Ideal for mounting medium load elevated cable pathways.
- Base includes two channel risers and channel crossbar.
- Install on any roofing material or other flat surfaces.
- Supports are available in one standard finish and two optional finishes.
- Channel can be used to support wire mesh tray (secure with FS41 (SS) Spring Clips).
- Maximum load 150 lbs.

	SUPPORT	HEIGHT		SUPPORT LENGTH		BASE LENGTH		WEIGHT		PG
		INCHES	MM	INCHES	MM	INCHES	MM	LBS	KG	
CPSME1020	STRUT	10.0	250	20.0	500	10.0	250	14.2	6.4	943 669
CPSME1620		16.0	400	20.0	500	10.0	250	15.6	7.1	943 670
CPSME1030		10.0	250	30.0	750	19.5	500	39.6	17.9	943 671
CPSME1630		16.0	400	30.0	750	19.5	500	40.1	18.1	943 672

CPPB/CPSB

CABLOPORT BRIDGE SERIES WITH FAS P OR CHANNEL SUPPORT



with Channel Support

CPSB10-28

- Designed as sleeper for HVAC units, cable pathways, roof walkways or other applications.
- Two (2) bases bridged with 1 5/8" galvanized channel (12 ga.) or FAS P.
- Install on any roofing material or other flat surfaces.
- Channel can be used to support wire mesh tray (secure with FS41 Spring Clips).
- Maximum load 500 lbs.

	SUPPORT	HEIGHT		SUPPORT LENGTH		BASE LENGTH		WEIGHT		PG
		INCHES	MM	INCHES	MM	INCHES	MM	LBS	KG	
CPPB10-28	FAS P	5.0	125	28.0	710	9.6	240	13.4	6.1	943 637
CPSB10-28	STRUT	5.6	140	28.0	710	9.6	240	13.6	6.2	943 642
CPSB10-36		5.6	140	36.0	900	9.6	240	14.9	6.8	943 643
CPSB10-42		5.6	140	42.0	1050	9.6	240	—	—	943 644
CPSB10-60		5.6	140	60.0	1524	9.6	240	—	—	943 646

— Contact manufacturer for availability.

CPSA

CABLOPORT VARI-ANGLE SERIES WITH CHANNEL SUPPORT



CPSA20PG

- Designed to adapt to any roof pitch or uneven surface.
- Install on any roofing material.
- Easily adjusted onsite.
- Leg adaptor will accommodate 1 5/8" x 1 5/8" channel framing.
- U-shaped 1 7/8" x 1 7/8" leg adaptor pre-drilled with 9/16" mounting holes is pre-mounted to base.
- Maximum load 500 lbs.

	SUPPORT	BASE HEIGHT		BASE WIDTH		BASE LENGTH		WEIGHT		PG
		INCHES	MM	INCHES	MM	INCHES	MM	LBS	KG	
CPSA10	STRUT	5.6	140	6.0	150	9.6	240	8.0	3.6	943 667
CPSA20		5.6	140	6.0	150	19.5	500	13.3	6.0	943 668

Vertical 1 5/8" x 1 5/8" strut and horizontal crossbar not provided.

SEISMIC BRACING

Legrand Seismic Wire Rope/Cable™ Bracing is the recommended seismic bracing for Legrand wire mesh and ladder tray systems. It is UL Listed, complies with all building codes and standards, and offers significant advantages over rigid bracing systems using pipe or strut.

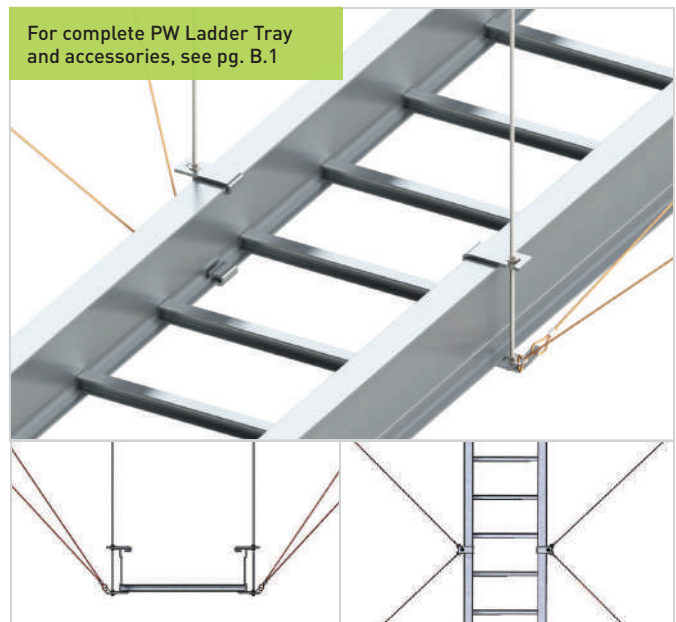
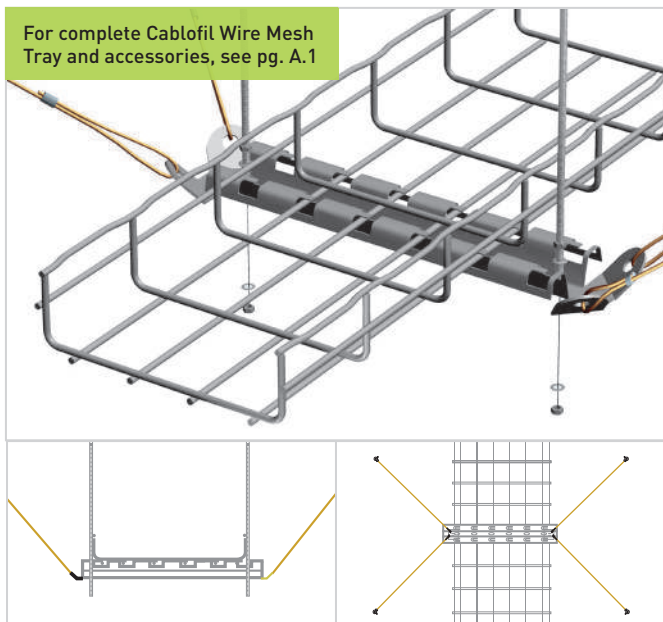
With these products, a contractor can go up on a ladder or lift with everything needed for a brace location in one pocket. There's no need to deal with heavy, bulky pipe or strut — which is also difficult to cut and costly to ship. Take a look at these important differences:

CABLE BRACING	VS	PIPE/STRUT BRACING
Lightweight, easy to carry		Heavy, bulky, hard to handle
Low cost-per-foot		High cost-per-foot
Significant shipping cost savings		Expensive to ship
Saves energy in shipping – a “green” choice		A huge carbon footprint
Easy to cut with one hand		Needs a machine to cut
Can be cut anywhere, even on ladder/lift		Needs to be cut at floor cutter location
Can be used at any length		Limited in length
Simple, fast installation		Difficult installation
Low-cost mounting hardware (URCs/NPCs)		Expensive mounting brackets
Large cable sizes stronger than pipe/strut		Limited in strength
2 URCs needed at trapeze		4 brackets needed at trapeze

The Legrand quotation team can help identify when seismic bracing is required on a construction project (due to geographic area and/or project type) and provide a combined tray and bracing quote. It's an easy way to increase sales while also making the job easier for electrical contractors.

SEISMIC BRACING

D.32





SEISMIC WIRE ROPE/CABLE™ SPOOLS AND KITS

Our Seismic Wire Rope/Cable™ is available in bulk 250-foot spools or convenient kits with pre-cut cable lengths (standard lengths of 5', 10', 15' and 20'). Spools of cable can be cut to length in the field for cable assemblies made with URCR™ or NPC™ attachment fittings. All Seismic Wire Rope/Cable™ assemblies made with URCR™s, NPC™s and Oval Sleeves are stronger than the cable, so the cable strength always determines the strength of the cable assembly.



Size 12 GOLD
600 lb. UL Load Rating



Size 18 ORANGE
1,100 lb. UL Load Rating



Size 36 GREEN
2,800 lb. UL Load Rating

SPOOLS	NUMBER	UL LOAD RATING	CABLE SIZE	CABLE COLOR	SPOOL LENGTH
		LBS.	GAGE		FEET
GOLD SPOOL	PW-12-CBL	600	12	GOLD	250
ORANGE SPOOL	PW-18-CBL	1,100	18	ORANGE	250
GREEN SPOOL	PW-36-CBL	2,800	36	GREEN	250



SZMCKIT

KITS	NUMBER	UL LOAD RATING	CABLE SIZE	CABLE COLOR	CABLE LENGTH	KIT INCLUDES	
		LBS.	GAGE		FEET		
UNIVERSAL GOLD KIT	SZMCKIT	600	12	GOLD	10	(2) URCR™ BRACKETS, (4) OVAL SLEEVES, (4) WEDGE ANCHORS (3/8" X 3")	942445
STANDARD GOLD KIT	PW12-4W38E-5	600	12	GOLD	5	(4) OVAL SLEEVES	945073
STANDARD GOLD KIT	PW12-4W38E-10	600	12	GOLD	10	(4) OVAL SLEEVES	945074
ST75ANDARD GOLD KIT	PW12-4W38E-15	600	12	GOLD	15	(4) OVAL SLEEVES	945075
STANDARD GOLD KIT	PW12-4W38E-20	600	12	GOLD	20	(4) OVAL SLEEVES	945076
STANDARD ORANGE KIT	PW18-4W12E-5	1,100	18	ORANGE	5	(4) OVAL SLEEVES	945081
STANDARD ORANGE KIT	PW18-4W12E-10	1,100	18	ORANGE	10	(4) OVAL SLEEVES	945078
STANDARD ORANGE KIT	PW18-4W12E-15	1,100	18	ORANGE	15	(4) OVAL SLEEVES	945079
STANDARD ORANGE KIT	PW18-4W12E-20	1,100	18	ORANGE	20	(4) OVAL SLEEVES	945080
STANDARD GREEN KIT	PW36-4W12E-5	2,800	36	GREEN	5	(4) OVAL SLEEVES	945077
STANDARD GREEN KIT	PW36-4W12E-10	2,800	36	GREEN	10	(4) OVAL SLEEVES	945082
STANDARD GREEN KIT	PW36-4W12E-15	2,800	36	GREEN	15	(4) OVAL SLEEVES	945083
STANDARD GREEN KIT	PW36-4W12E-20	2,800	36	GREEN	20	(4) OVAL SLEEVES	945084

Each cable in a kit has pre-attached mounting eyelets.

EARTHQUAKE SWAY BRACE SYSTEMS FOR CABLE TRAYS

Legrand has joined with Loos & Co., the industry's top manufacturer of Seismic Wire Rope/Cable™ Bracing, to provide a comprehensive and unique line of seismic protection products specifically designed for electrical cable tray applications. All our Seismic Wire Rope/Cable™ bracing, complies with model building codes, and installs in just one-third the time needed for more conventional pipe, angle, and strut bracing systems. Our exclusive systems have no length limitation and are UL listed.

QUALITY CONSTRUCTION

Our standard braces are constructed of a splayed assembly of either 49 or 133 high strength, zinc coated, steel wires, configured into Wire Rope/Cable™.

PRE-STRETCHED ASSEMBLY DAMPENS SEISMIC LOADS

Our Seismic Wire Rope/Cable™ is pre-stretched in accordance with ASCE-19. This allows our cable to act in its elastic range; in essence, it behaves like a shock absorber.

SPECIAL DESIGN & INSTALLATION FEATURES

Every brace is designed to resist earthquake loads in tension and they are not restricted in length as are compression braces. Standard braces are extremely flexible, lightweight and are offered in precut lengths, with or without fixed end fastener fittings.

THREE STANDARD COLOR-CODED SIZES

Our standard braces are offered in three basic sizes, with minimum breaking strengths of 600, 1100 and 2800 lbs. Each is color-coded in gold, orange and green that insures proper designation on plans and for installation in the field.

QUALITY ASSURANCE & CERTIFIED BREAK STRENGTH

The manufacturer conducts a rigorous in-plant program of inspection, testing, and retesting of all its Seismic Wire Rope/Cable™ products to meet code and industry standards. A Certificate of Minimum Breaking Strength is included with each shipment.

THE SEISMIC BRACING SYSTEM

Our seismic bracing typically consists of the following components: the Seismic Wire Rope/Cable™, an oval sleeve used to secure the cable loop, and a Universal Restraint Clip (URCR) or a No Pry Clip (NPC). Hardware required to connect the cable tray to the braced component and to the building structure are not included in the brace kits.

THE WIRE ROPE/CABLE™			
BRACE SIZE	CABLE COLOR	CERTIFIED MINIMUM BREAK STRENGTH (LBS.)	ALLOWABLE LOAD (SAFETY FACTOR = 1.5)
12	GOLD	600	600
18	ORANGE	1100	1100
36	GREEN	2800	2667

UNIVERSAL RESTRAINT CLIP (URCR)

The "URCR" Clip connects the Wire Rope/Cable™ brace to the cable tray support member. It will accommodate all four brace sizes and has hole diameters to fit hardware sizes from 1/4" to 3/8".

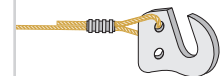
TOP VIEW



UNIVERSAL RESTRAINT CLIP RETROFIT (URCR)

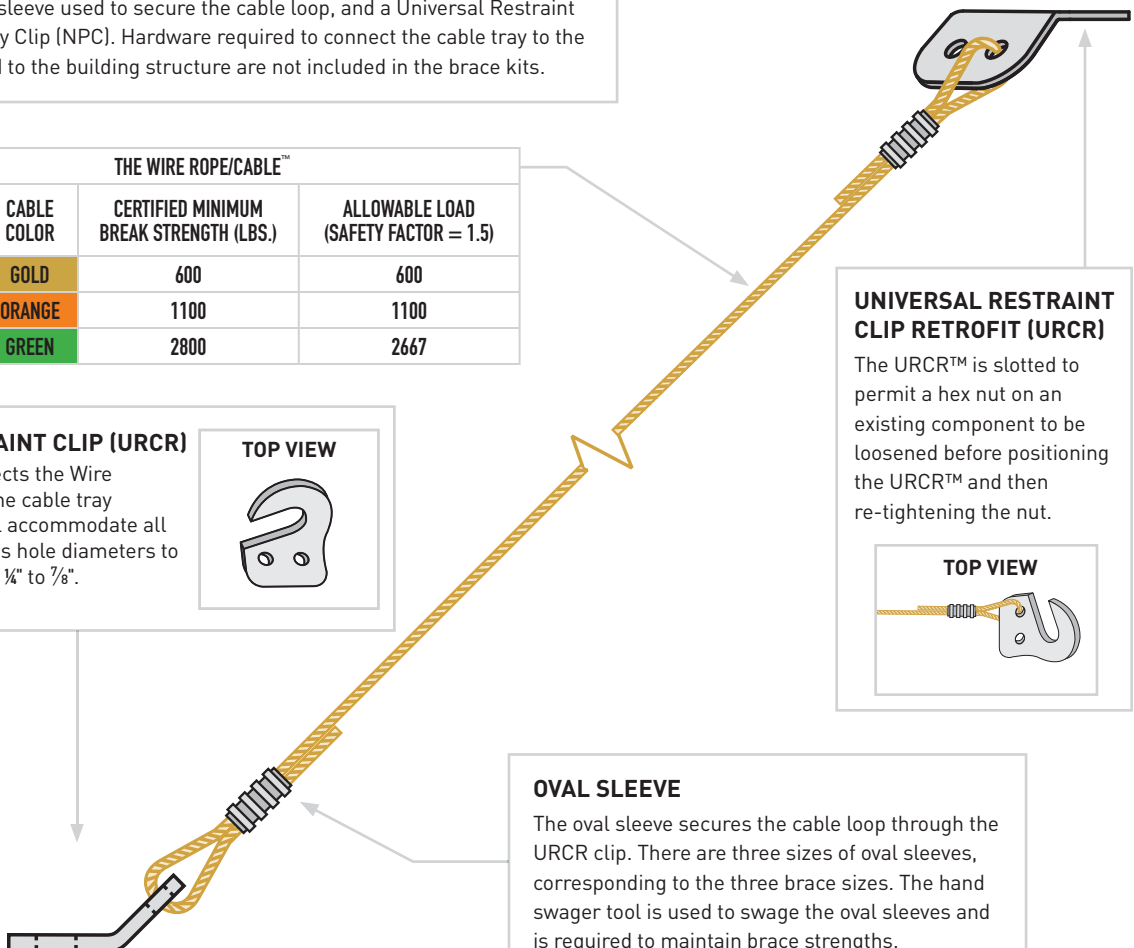
The URCR™ is slotted to permit a hex nut on an existing component to be loosened before positioning the URCR™ and then re-tightening the nut.

TOP VIEW



OVAL SLEEVE

The oval sleeve secures the cable loop through the URCR clip. There are three sizes of oval sleeves, corresponding to the three brace sizes. The hand swager tool is used to swage the oval sleeves and is required to maintain brace strengths.



OVAL SLEEVES



Oval sleeve fittings come in four sizes to secure Sizes 12 GOLD, 18 ORANGE, 36 GREEN & 48 BLACK Seismic Wire Rope/Cable™ connections with the proper swaging tools shown below.

COMPLETE CATALOG NO.	CABLE SIZE	BAG QTY.	DESCRIPTION	
PW-12-SLV	12	100	(1) BAG OF 100 #12 OVAL SLEEVES	P088151
PW-18-SLV	18	100	(1) BAG OF 100 #18 OVAL SLEEVES	P088179
PW-36-SLV	36	100	(1) BAG OF 100 #36 OVAL SLEEVES	P088204

NO PRY CLIP

These concrete structure attachment fittings direct the applied tension load on post-installed concrete anchors to the axis of the anchor and at the surface of the concrete, thereby neutralizing the prying effect on the anchors and making the brace assemblies stronger.



COMPLETE CATALOG NO.	CABLE SIZE	HOLE DIA.	DESCRIPTION	
PW-NPC-3/8P	ALL	3/8"	NPC FOR 3/8" HANGERS	P604300
PW-NPC-1/2P	ALL	1/2"	NPC FOR 1/2" HANGERS	P604705
PW-NPC-5/8P	ALL	5/8"	NPC FOR 5/8" HANGERS	P643101
PW-NPC-3/4P	ALL	3/4"	NPC FOR 3/4" HANGERS	P630517

URCR™ UNIVERSAL RESTRAINT CLIP RETROFIT



URCR

The URCR™ is slotted to permit a hex nut on an existing component to be loosened before positioning the URCR™ and then re-tightening the nut.

UL listed and will comply with Local, National and International Building Codes.

COMPLETE CATALOG NO.	CABLE SIZE	HOLE DIA.	DESCRIPTION	
PW-URCR-1/4P	ALL	1/4"	URCR FOR 1/4" HANGERS	P602182
PW-URCR-3/8P	ALL	3/8"	URCR FOR 3/8" HANGERS	P602184
PW-URCR-1/2P	ALL	1/2"	URCR FOR 1/2" HANGERS	P602181
PW-URCR-5/8P	ALL	5/8"	URCR FOR 5/8" HANGERS	P602185

ASSEMBLY TOOLS

COMPLETE CATALOG NO.	DESCRIPTION	
PW-12-SBHS	(1) HAND SWAGER FOR CRIMPING OVAL SLEEVES	P645164
PW-1-SBHS	(1) LARGE SWAGER FOR CRIMPING OVAL SLEEVES	P644628

The hand swager is capable of swaging all three sizes of oval sleeves for the braces in this manual. These tools are factory calibrated and are furnished with gages and instructions to insure the proper swaging of oval sleeves. The hand swager is 26" long and weighs 6.5 lbs.

PW-C7	(1) FELCO CABLE CUTTER FOR #12 AND #18 CABLES	P088205
PW-C9	(1) FELCO CABLE CUTTER FOR #12, #18 AND #36 CABLES	P088206



PW-12-SBHS



PW-1-SBHS



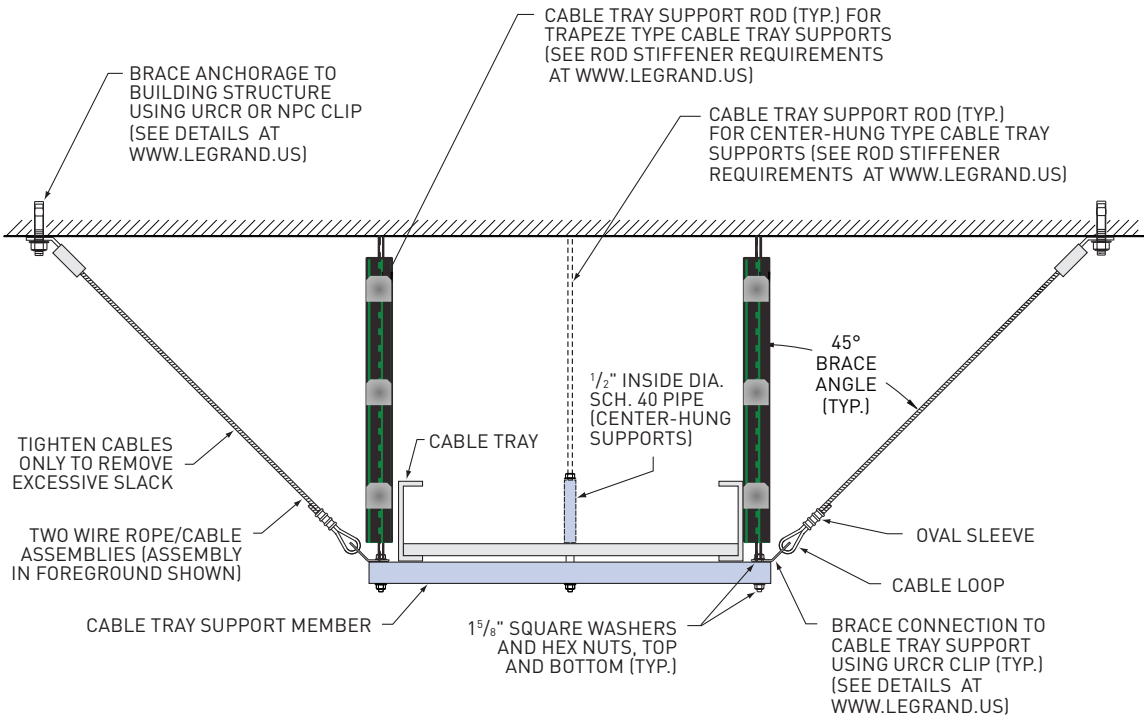
PW-C7



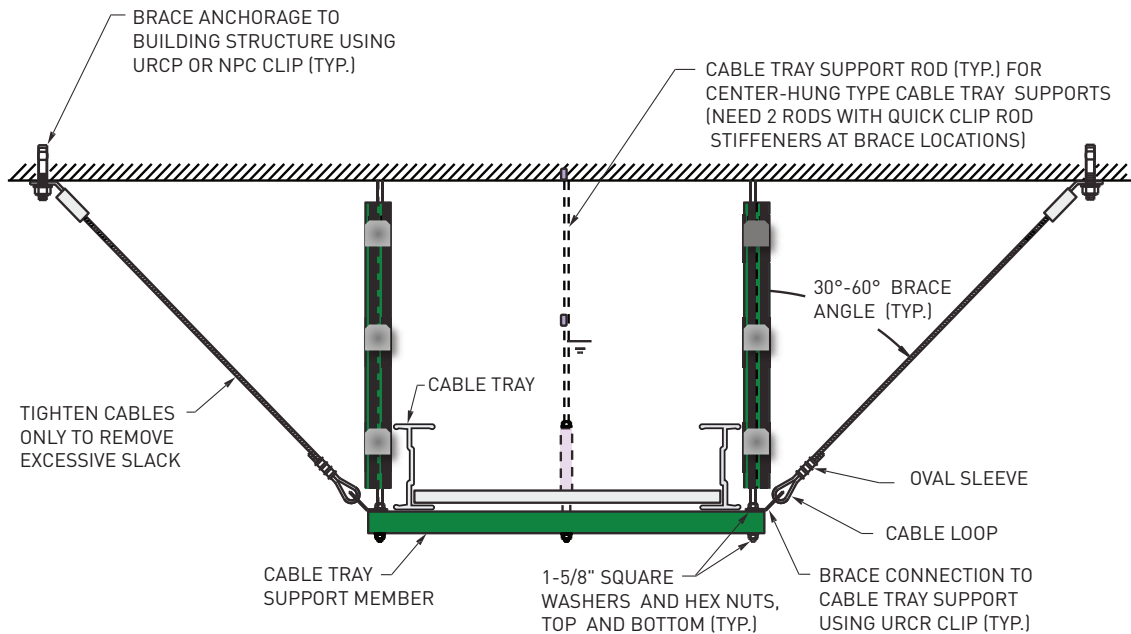
PW-C9

The Felco type C-7 and type C-9 Precision Cable Cutters are ideal for cutting and trimming excess cable. The C-7 cutter is 8 inches long, weighs 10 ounces and is used to cut size 12 and 18 cables with one hand. The type C-9 cutter is a two-handed tool that cuts all three cable sizes with ease.

SUPPORT ROD STIFFENER DETAILS AND REQUIREMENTS (AT SWAY BRACE LOCATIONS ONLY)



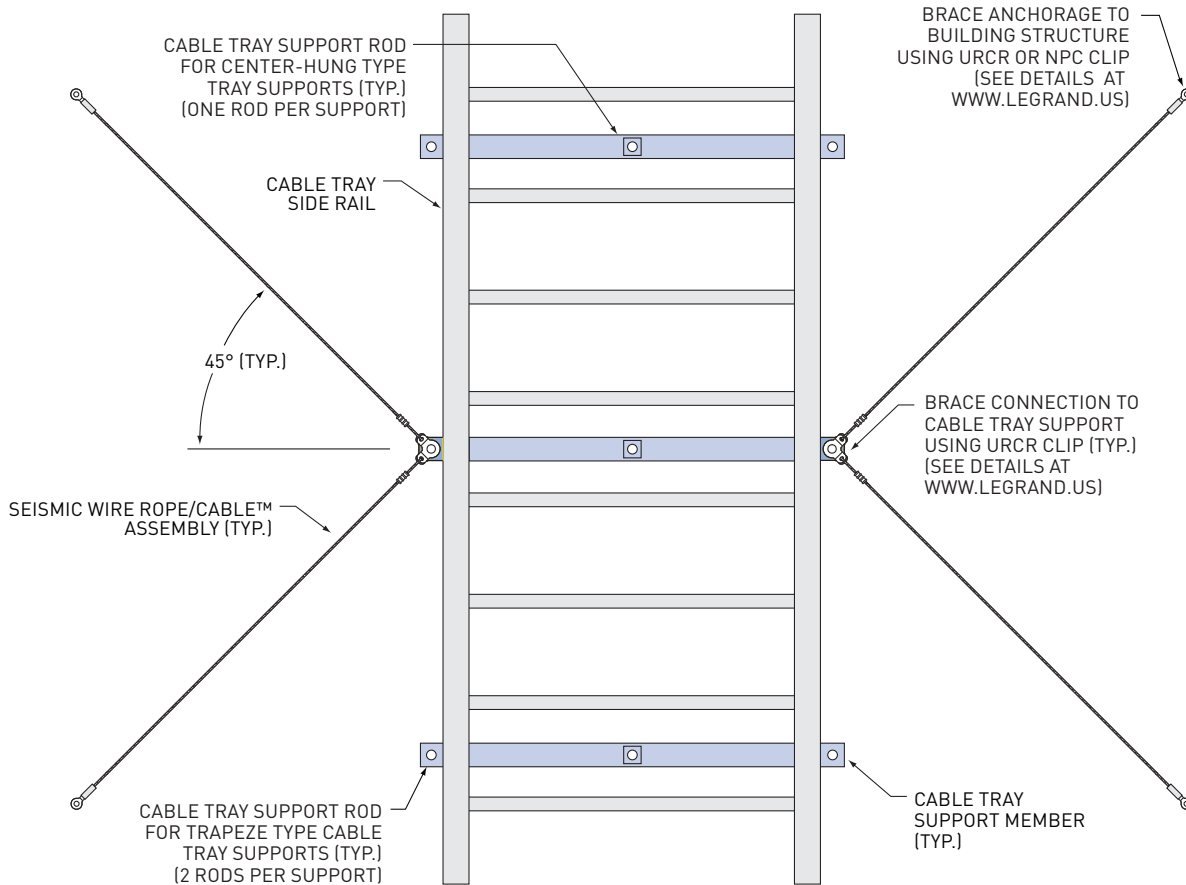
For multi-tier support systems, the steel strut rod stiffener shall be installed such that it be secured to the side of the bottom support member, in contact with the structure, and held in position by securing to the side of one other horizontal support member, using the rod stiffener clips shown above.



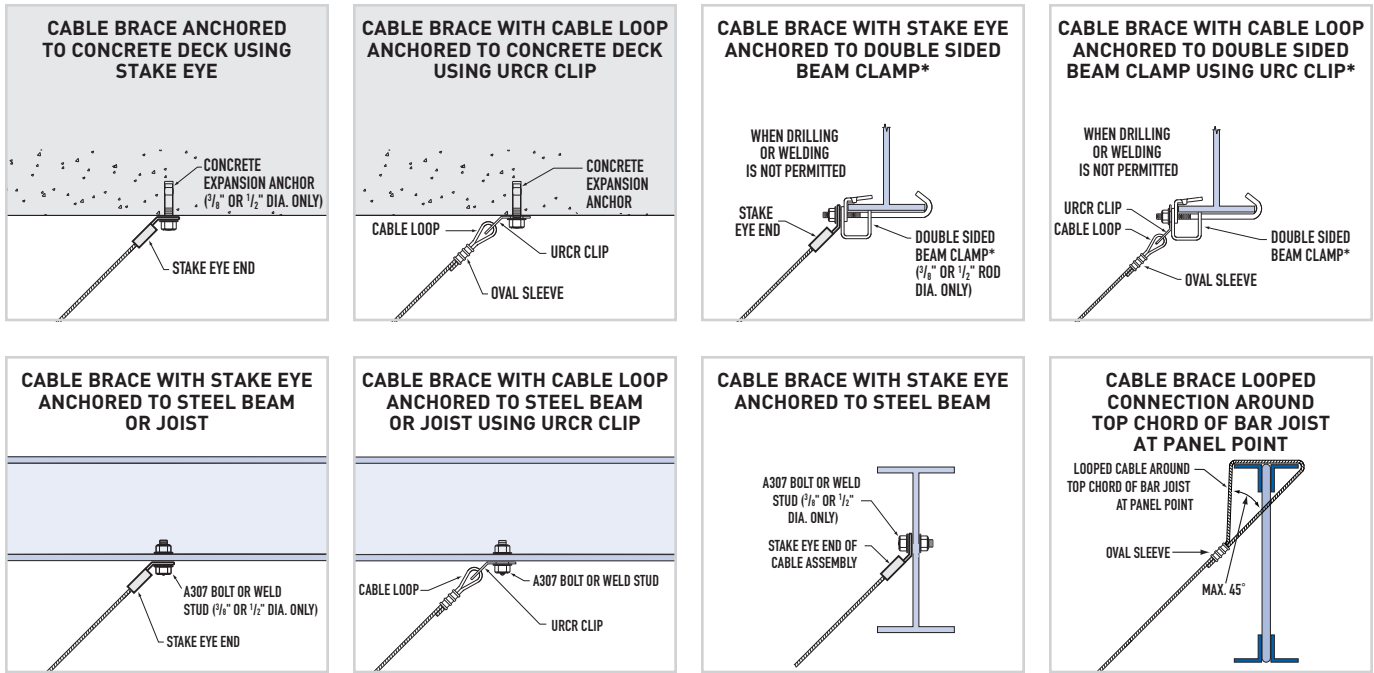
Refer to specifications, Loos & Co. manual and tables for brace spacing, required brace locations, load calculations procedures, sizing, and allowable loads on brace assemblies and wire and cable hangers.

SEISMIC Wire Rope/Cable™ BRACING

Break Strength Certified - Color Coded - Prestretched

**COMBINATION TRANSVERSE / LONGITUDINAL EARTHQUAKE SWAY BRACE
FOR LEGRAND (DOUBLE RAIL) CABLE TRAY**

SAMPLE DETAILS OF CABLE BRACE ANCHORAGE TO STRUCTURE FOR LEGRAND CABLE TRAY



(*MIN. CLAMP ROD DIA. PER COL. 'B' OF BRACING TABLES)

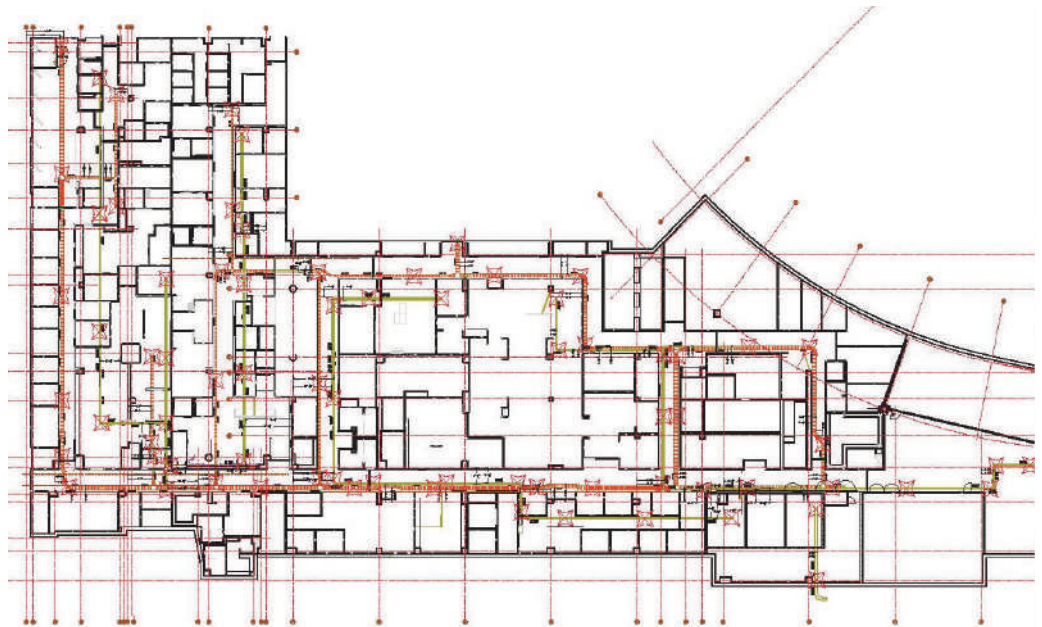
NOTE: Refer to specifications and tables for brace spacing, required brace locations, load calculations procedures, sizing, and allowable loads on brace assemblies and wire and cable hangers.

WE MAKE SEISMIC SIMPLE!

With Legrand, you don't need to be a seismic expert to sell seismic bracing! In fact, all you need to do is give us the opportunity to quote the bracing on projects where we are already quoting wire basket or ladder tray.

We also offer complete seismic engineering services, including calculations, bracing layouts and stamped engineering drawings. It's a complete, turnkey offering that makes every project easier — and more profitable — for sales reps, distributors and contractors alike!

So don't miss out on opportunities to take advantage of our complete seismic offering. Many areas of the country, as well as certain building types, require non-structural components like cable tray to be braced to comply with building codes. We can help you determine when seismic bracing is needed, get you fast quotes for both products and services, and make sure the entire process runs smoothly.



J-HOOKS

LEGRAND	PAGE	DESCRIPTION	CADDY	STEEL CITY (T&B)	B-LINE	MINERALLAC
CJ4T125	D.9	Bridle Ring 1/4 x 20 threads, 1 1/4" diameter	4BRT20	SSF-VR1 1/4B	BLC BR204T	-
CJ4T2	D.9	Bridle Ring 1/4 x 20 threads, 2" diameter	4BRT32	SSF-VR 2B	-	648R
CJ12H	D.4	3/4" Standard J-Hook, Size 12	CAT12, CAT16HP	-	BCH12	-
CJ12HAC	D.4	3/4" 90° Angle J-Hook, Size 12	CAT12AB, CAT16HPAB	-	BCH12-RB	-
CJ12HW	D.4	3/4" Batwing J-Hook, Size 12	CAT124Z34, CAT16HP4Z34	-	BCH12-W2	-
CJ12HAC6	D.4	3/4" 90° Angle J-Hook, Size 12	-	-	-	-
CJ12HSSBC	D.4	3/4" Spring Steel Beam Clamp for 1/8" to 1/2" Thick, Size 12	CAT16HPBC, CAT12BC	-	BCH12-C1	-
CJ12HACHOK24	D.4	3/4" Knock-on Clamp 1/8" to 1/4" with Angle Clip, 360° Swivel, Size 12	CAT1224	-	BCH12-U-2-4	-
CJ12HACHOK58	D.4	3/4" Knock-on Clamp 5/16" to 1/2" with Angle Clip, 360° Swivel, Size 12	-	-	-	-
CJ12HACBPC	D.4	3/4" Angled Clip & Pressed Beam Clamp, Up to 1/2", Size 12	CAT16HPBC200B	-	BCH12-C442	-
CJ12HACSSBC	D.4	3/4" Angle Clip, Spring Steel Beam Clamp for 1/8" to 1/2" Thick, 360° Swivel, Size 12	CAT12BCB	-	BCH12-C2	-
CJ12HCAT40EZ	D.4	3/4" Pre-Assembled Snap-on J-Hook	-	-	-	-
CJ12HHOK24	D.4	3/4" Knock-On J-Hook, Size 12, 10-1/4" Flange	CAT1224SM, CAT16HP24SM	-	BCH12-E-2-4	-
CJ12HHOK58	D.4	3/4" Knock-On J-Hook, Size 12, 5/16"-1/2" Flange	CAT1258SM, CAT16HP58SM	-	BCH12-E-5-8	-
CJ12HPBC	D.4	3/4" Pressed Beam Clamp, Up to 1/2", Size 12	CAT16HPBC200	-	BCH12-C442A	-
CJ16HP	D.6	1" Standard CCP J-Hook, Size 16	CAT16HP	-	-	-
CJ16HPAC	D.6	1" 90° Angle CCP J-Hook, Size 16	-	-	-	-
CJ16HPAC6	D.6	1" Plastic Coated J-Hook w/ Latch & 90° Angle Clip 3/8" Rod	-	-	-	-
CJ16HPACHOK24	D.6	1" Plastic Coated J-Hook w/ Latch 90° Angle Clip & Knock-on Beam Clip 1/8-1/4"	-	-	-	-
CJ16HPACHOK58	D.6	1" Plastic Coated J-Hook w/ Latch & 90° Angle Clip Knock-on Beam Clip 5/16-1/2"	-	-	-	-
CJ16HPACBPC	D.6	1" Plastic Coated J-Hook w/ Latch & 90° Angle Clip Press-on Beam Clip 1/2"	-	-	-	-
CJ16HPACSSBC	D.6	1" Plastic Coated J-Hook w/ Latch & 90° Angle Clip Screw-on Beam Clip 1/2"	-	-	-	-
CJ16HPHOK24	D.6	1" Plastic Coated J-Hook w/ Latch & Knock-on Beam Clip 1/8-1/4"	-	-	-	-
CJ16HPHOK58	D.6	1" Plastic Coated J-Hook w/ Latch & Knock-on Beam Clip 5/16-1/2"	-	-	-	-
CJ16HPPBC	D.6	1" Plastic Coated J-Hook w/ Latch & Press-on Beam Clip 1/2"	-	-	-	-
CJ16HPSSBC	D.6	1" Plastic Coated J-Hook w/ Latch & Screw-on Beam Clip 1/2"	-	-	-	-
CJ16HPW	D.6	1" Batwing CCP J-Hook, Size 16	-	-	-	-
CJ21H	D.4	1 5/16" Standard J-Hook, Size 21	CAT21, CAT21HP	SSF-VJ 5/16	BCH21	-
CJ21HAC	D.4	1 5/16" 90° Angle J-Hook, Size 21	CAT21AB, CAT21HPAB	-	BCH21-RB	-
CJ21HAC6	D.4	1 5/16" 90° Angle J-Hook, Size 21	-	-	-	-
CJ21HACHOK24	D.4	1 5/16" Knock-on Clamp 1/8" to 1/4" with Angle Clip, 360° Swivel, Size 21	CAT21HP24	-	BCH21-U-2-4	-
CJ21HACHOK58	D.4	1 5/16" Knock-on Clamp 5/16" to 1/2" with Angle Clip, 360° Swivel, Size 21	-	SSF-VJ1 5/16-H1/2-AB	BCH21-U-5-8	-
CJ21HACBPC	D.4	1 5/16" Angled Clip & Pressed Beam Clamp, Up to 1/2", Size 21	CAT21HPBC200B	-	BCH21-C442	-
CJ21HACSSBC	D.4	1 5/16" Angle Clip, Spring Steel Beam Clamp for 1/8" to 1/2" Thick, 360° Swivel, Size 21	CAT21HPBC200B, CAT21HPBCB	SSF-VJ1 5/16-BC-AB	BCH21-C2	-
CJ21HCAT40EZ	D.4	1 5/16" Pre-Assembled Snap-on J-Hook	-	-	-	-
CJ21HHOK24	D.4	1 5/16" Knock-On J-Hook, Size 21, 1/8"-1/4" Flange	CAT2124SM, CAT21HP24SM	SSF-VJ1 5/16-F1/4	BCH21E-2-4	-
CJ21HHOK58	D.4	1 5/16" Knock-On J-Hook, Size 21, 5/16"-1/2" Flange	CAT2158SM, CAT21HP58SM	SSF-VJ1 5/16-F1/2	BCH21-E-5-8	-
CJ21HPBC	D.4	1 5/16" Pressed Beam Clamp, Up to 1/2", Size 21	CAT21HPBC	-	BCH21-C442A	-
CJ21HSSBC	D.4	1 5/16" Spring Steel Beam Clamp for 1/8" to 1/2" Thick, Size 21	CAT21HPBC, CAT21BC	SSF-VJ 5/16-BC	BCH21-C1	-
CJ21HW	D.4	1 5/16" Batwing J-Hook, Size 21	CAT214Z34, CAT21HP4Z34	SSF-VJ1 5/16-UC	BCH21-W2	-
CJ32H	D.4	2" Standard J-Hook, Size 32	CAT32, CAT32HP	SSF-VJ2	BCH32	J200
CJ32HAC	D.4	2" 90° Angle J-Hook, Size 32	CAT32AB, CAT32HPAB, CAT32HPAFAB6	-	BCH32-RB	J200B
CJ32HAC6	D.4	2" 90° Angle J-Hook, Size 32	-	-	BCH32-AB	-
CJ32HACHOK24	D.4	2" Knock-on Clamp 1/8" to 1/4" with Angle Clip, 360° Swivel, Size 32	CAT32HP24	SSF-VJ2-H1/4-AB	BCH32-U-2-4	-
CJ32HACHOK58	D.4	2" Knock-on Clamp 5/16" to 1/2" with Angle Clip, 360° Swivel, Size 32	-	SSF-VJ-H1/2-AB	BCH32-U-5-8	-
CJ32HACBPC	D.4	2" Angled Clip & Pressed Beam Clamp, Up to 1/2", Size 32	CAT32HPBC200B	-	BCH32-C442	-

J-HOOKS

LEGRAND	PAGE	DESCRIPTION	CADDY	STEEL CITY (T&B)	B-LINE	MINERALLAC
CJ32HACSSBC	D.4	2" Angle Clip, Spring Steel Beam Clamp for 1/8" to 1/2" Thick, 360° Swivel, Size 32	CAT32HPBC200B	SSF-VJ2-BC-AB	BCH32-C2	-
CJ32HCAT40EZ	D.4	2" Pre-Assembled Snap-on J-Hook				
CJ32HHOK24	D.4	2" Knock-On J-Hook, Size 32, 1/8"-1/4" Flange	CAT3224SM, CAT32HP24SM, CAT32HP24	SSF-VJ2-F1/4	BCH32-E-2-4	J200SFC18
CJ32HHOK58	D.4	2" Knock-On J-Hook, Size 32, 5/16"-1/2" Flange	CAT3258SM, CAT32HP24SM	SSF-VJ2-F1/2	BCH32-E-2-4	J200SFC18
CJ32HP	D.6	2" Standard CCP J-Hook, Size 32	-	-	-	-
CJ32HPAC	D.6	2" 90° Angle CCP J-Hook, Size 32	-	-	-	-
CJ32HPAC6	D.6	2" Plastic Coated J-Hook w/ Latch & 90° Angle Clip 3/8" Rod	-	-	-	-
CJ32HPACHOK24	D.6	2" Plastic Coated J-Hook w/ Latch 90° Angle Clip & Knock-on Beam Clip 1/8-1/4"	-	-	-	-
CJ32HPACHOK58	D.6	2" Plastic Coated J-Hook w/ Latch & 90° Angle Clip Knock-on Beam Clip 5/16-1/2"	-	-	-	-
CJ32HPACPBC	D.6	2" Plastic Coated J-Hook w/ Latch & 90° Angle Clip Press-on Beam Clip 1/2"	-	-	-	-
CJ32HPACSSBC	D.6	2" Plastic Coated J-Hook w/ Latch & 90° Angle Clip Screw-on Beam Clip 1/2"	-	-	-	-
CJ32HPBC	D.4	2" Pressed Beam Clamp, Up to 1/2", Size 32	CAT32HPBC200	-	BCH32-C442A	-
CJ32HPHOK24	D.6	2" Plastic Coated J-Hook w/ Latch & Knock-on Beam Clip 1/8-1/4"	-	-	-	-
CJ32HPHOK58	D.6	2" Plastic Coated J-Hook w/ Latch & Knock-on Beam Clip 5/16-1/2"	-	-	-	-
CJ32HPPBC	D.6	2" Plastic Coated J-Hook w/ Latch & Press-on Beam Clip 1/2"	-	-	-	-
CJ32HPSSBC	D.6	2" Plastic Coated J-Hook w/ Latch & Screw-on Beam Clip 1/2"	-	-	-	-
CJ32HPW	D.6	2" Batwing CCP J-Hook, Size 32	-	-	-	-
CJ32HSSBC	D.4	2" Spring Steel Beam Clamp for 1/8" to 1/2" Thick, Size 32	CAT32HPBC	SSF-VJ2-BC	BCH32-C1	-
CJ32HW	D.4	2" Batwing CCP J-Hook, Size 32	CAT324Z34, CAT32HP4Z34	SSF-VJ2-UC	BCH32-W2	-
CJ48HP	D.6	3" Standard CCP J-Hook, Size 48	-	-	-	-
CJ48HPAC	D.6	3" 90° Angle CCP J-Hook, Size 48	-	-	-	-
CJ48HPAC6	D.6	3" Plastic Coated J-Hook w/ Latch & 90° Angle Clip 3/8" Rod	-	-	-	-
CJ48HPACHOK24	D.6	3" Plastic Coated J-Hook w/ Latch 90° Angle Clip & Knock-on Beam Clip 1/8-1/4"	-	-	-	-
CJ48HPACHOK58	D.6	3" Plastic Coated J-Hook w/ Latch & 90° Angle Clip Knock-on Beam Clip 5/16-1/2"	-	-	-	-
CJ48HPACPBC	D.6	3" Plastic Coated J-Hook w/ Latch & 90° Angle Clip Press-on Beam Clip 1/2"	-	-	-	-
CJ48HPACSSBC	D.6	3" Plastic Coated J-Hook w/ Latch & 90° Angle Clip Screw-on Beam Clip 1/2"	-	-	-	-
CJ48HPHOK24	D.6	3" Plastic Coated J-Hook w/ Latch & Knock-on Beam Clip 1/8-1/4"	-	-	-	-
CJ48HPHOK58	D.6	3" Plastic Coated J-Hook w/ Latch & Knock-on Beam Clip 5/16-1/2"	-	-	-	-
CJ48HPPBC	D.6	3" Plastic Coated J-Hook w/ Latch & Press-on Beam Clip 1/2"	-	-	-	-
CJ48HPSSBC	D.6	4" Spring Steel Beam Clamp for 1/8" to 1/2" Thick, Size 64	CAT64HPBC	-	BCH64-C1	-
CJ48HPW	D.6	3" Batwing CCP J-Hook, Size 48	-	-	-	-
CJ64H	D.4	4" Standard J-Hook, Size 64	CAT64, CAT64HP	SSF-VJ4	BCH64	-
CJ64HAC	D.4	4" 90° Angle J-Hook, Size 64	-	-	BCH64-RB	-
CJ64HAC6	D.4	4" 90° Angle J-Hook, Size 64	CAT64AB, CAT64HPAB		BCH64-AB	-
J64HACHOK24	D.4	4" Knock-on Clamp 1/8" to 1/4" with Angle Clip, 360° Swivel, Size 64	CAT64HP24SM	SSF-VJ1 5/16-H1/4-AB	BCH64-U-2-4	-
CJ64HACHOK58	D.4	4" Knock-on Clamp 5/16" to 1/2" with Angle Clip, 360° Swivel, Size 64	-	-	BCH64-U-5-8	-
CJ64HACPBC	D.4	4" Angled Clip & Pressed Beam Clamp, Up to 1/2", Size 64	CAT64HPBC200B	-	BCH64-C442	-
CJ64HACSSBC	D.4	4" Angle Clip, Spring Steel Beam Clamp for 1/8" to 1/2" Thick, 360° Swivel, Size 64	CAT64HPBCB	-	BCH64-C2	-
CJ64HHOK24	D.4	4" Knock-On J-Hook, Size 64, 1/8"-1/4" Flange	CAT6424SM, CAT64HP24SM	-	BCH64-E-2-4	-
CJ64HHOK58	D.4	4" Knock-On J-Hook, Size 64, 5/16"-1/2" Flange	CAT6458SM, CAT64HP58SM, CAT64HP58SM	-	BCH64-E-5-8	-
CJ64HP	D.6	4" Basic White Plastic Coated J-Hook w/ Latch	-	-	-	-
CJ64HPAC	D.6	4" Plastic Coated J-Hook w/ Latch & 90° Angle Clip 1/4" Rod	-	-	-	-
CJ64HPAC6	D.6	4" Plastic Coated J-Hook w/ Latch & 90° Angle Clip 3/8" Rod	-	-	-	-
CJ64HPACHOK24	D.6	4" Plastic Coated J-Hook w/ Latch 90° Angle Clip & Knock-on Beam Clip 1/8-1/4"	-	-	-	-
CJ64HPACHOK58	D.6	4" Plastic Coated J-Hook w/ Latch & 90° Angle Clip Knock-on Beam Clip 5/16-1/2"	-	-	-	-

J-HOOKS

LEGRAND	PAGE	DESCRIPTION	CADDY	STEEL CITY (T&B)	B-LINE	MINERALLAC
CJ64HPACBPC	D.6	4" Angled Clip & Pressed Beam Clamp, Up to 1/2", Size 64	CAT64HPBC200B	-	BCH64-C442	-
CJ64HPACSSBC	D.6	4" Plastic Coated J-Hook w/ Latch & 90° Angle Clip Screw-on Beam Clip 1/2"	-	-	-	-
CJ64HPBC	D.4	4" Pressed Beam Clamp, Up to 1/2", Size 64	CAT64HPBC200	-	BCH64-C442A	-
CJ64HPHOK24	D.6	4" Plastic Coated J-Hook w/ Latch & Knock-on Beam Clip 1/8-1/4"	-	-	-	-
CJ64HPHOK58	D.6	4" Plastic Coated J-Hook w/ Latch & Knock-on Beam Clip 5/16-1/2"	-	-	-	-
CJ64HPPBPC	D.6	4" Plastic Coated J-Hook w/ Latch & Press-on Beam Clip 1/2"	-	-	-	-
CJ64HPSSBC	D.6	4" Plastic Coated J-Hook w/ Latch & Screw-on Beam Clip 1/2"	-	-	-	-
CJ64HPW	D.6	4" Plastic Coated J-Hook w/ Latch & Batwing Clip	-	-	-	-
CJ64HSSBC	D.4	4" Spring Steel Beam Clamp for 1/8" to 1/2" Thick, Size 64	CAT64HPBC	-	BCH64-C1	-
CJ64HW	D.4	4" Batwing J-Hook, Size 64	-	-	-	-

J-HOOK LABELS

LEGRAND	PAGE	DESCRIPTION	LEGRAND	PAGE	DESCRIPTION
CJMS12BL	D.5	CJ12 Black STKR 42/SHT	CJMS213264BU	D.5	CJ21 CJ32 CJ64 Black STKR 33/SHT
CJMS12BU	D.5	CJ12 Blue STKR 42/SHT	CJMS213264BL	D.5	CJ21 CJ32 CJ64 Blue STKR 33/SHT
CJMS12GN	D.5	CJ12 Green STKR 42/SHT	CJMS213264GN	D.5	CJ21 CJ32 CJ64 Green STKR 33/SHT
CJMS12OR	D.5	CJ12 Orange STKR 42/SHT	CJMS213264OR	D.5	CJ21 CJ32 CJ64 Orange STKR 33/SHT
CJMS12RD	D.5	CJ12 Red STKR 42/SHT	CJMS213264RD	D.5	CJ21 CJ32 CJ64 Red STKR 33/SHT
CJMS12WH	D.5	CJ12 White STKR 42/SHT	CJMS213264WH	D.5	CJ21 CJ32 CJ64 White STKR 33/SHT
CJMS12YL	D.5	CJ12 Yellow STKR 42/SHT	CJMS213264YL	D.5	CJ21 CJ32 CJ64 Yellow STKR 33/SHT

J-HOOK TREES

LEGRAND	PAGE	LEGRAND	PAGE	LEGRAND	PAGE	LEGRAND	PAGE
CJ16HP-AC-BB-1	D.9	CJ21H-EB-3	D.8	CJ32H-PBC-BB-1	D.9	CJ48HP-BB-3	D.9
CJ16HP-AC-BB-2	D.9	CJ21H-PBC-BB-1	D.9	CJ32H-PBC-BB-2	D.9	CJ48HP-PBC-BB-1	D.9
CJ16HP-AC-BB-3	D.9	CJ21H-PBC-BB-2	D.9	CJ32H-PBC-BB-3	D.9	CJ48HP-PBC-BB-2	D.9
CJ16HP-AC-SB-2	D.8	CJ21H-PBC-BB-3	D.9	CJ32H-PBC-EB-2	D.8	CJ48HP-PBC-BB-3	D.9
CJ16HP-AC-SB-3	D.8	CJ21H-PBC-EB-2	D.8	CJ32H-PBC-EB-3	D.8	CJ48HP-PBC-SB-2	D.8
CJ16HP-BB-1	D.9	CJ21H-PBC-EB-3	D.8	CJ32HP-PBC-BB-1	D.9	CJ48HP-PBC-SB-3	D.8
CJ16HP-BB-2	D.9	CJ32H-BB-1	D.9	CJ32HP-PBC-BB-2	D.9	CJ48HP-SB-2	D.8
CJ16HP-BB-3	D.9	CJ32H-BB-2	D.9	CJ32HP-PBC-BB-3	D.9	CJ48HP-SB-3	D.8
CJ16HP-PBC-BB-1	D.9	CJ32H-BB-3	D.9	CJ32HP-PBC-SB-2	D.8	CJ64H-BB-1	D.9
CJ16HP-PBC-BB-2	D.9	CJ32H-EB-2	D.8	CJ32HP-PBC-SB-3	D.8	CJ64H-BB-2	D.9
CJ16HP-PBC-BB-3	D.9	CJ32H-EB-3	D.8	CJ32HP-SB-2	D.8	CJ64H-BB-3	D.9
CJ16HP-PBC-SB-2	D.8	CJ32HP-AC-BB-1	D.9	CJ32HP-SB-3	D.8	CJ64H-EB-2	D.8
CJ16HP-PBC-SB-3	D.8	CJ32HP-AC-BB-2	D.9	CJ48HP-AC-BB-1	D.9	CJ64H-EB-3	D.8
CJ16HP-SB-2	D.8	CJ32HP-AC-BB-3	D.9	CJ48HP-AC-BB-2	D.9	CJ64H-PBC-BB-1	D.9
CJ16HP-SB-3	D.8	CJ32HP-AC-SB-2	D.8	CJ48HP-AC-BB-3	D.9	CJ64H-PBC-BB-2	D.9
CJ21H-BB-1	D.9	CJ32HP-AC-SB-3	D.8	CJ48HP-AC-SB-2	D.8	CJ64H-PBC-BB-3	D.9
CJ21H-BB-2	D.9	CJ32HP-BB-1	D.9	CJ48HP-AC-SB-3	D.8	CJ64H-PBC-EB-2	D.8
CJ21H-BB-3	D.9	CJ32HP-BB-2	D.9	CJ48HP-BB-1	D.9	CJ64H-PBC-EB-3	D.8
CJ21H-EB-2	D.8	CJ32HP-BB-3	D.9	CJ48HP-BB-2	D.9	CJHEB	D.8

BEAM CLAMPS

LEGRAND	PAGE	DESCRIPTION	CADDY	STEEL CITY (T&B)	B-LINE	MINERALLAC
C41UCLM	D.13	Single Strut Beam Clamp 1-5/8"	BC17A000EG	-	B441-22	-
C41UX2CLM	D.13	Double Strut Beam Clamp 3-1/4"	BC17D000EG	-	B441-22A	-
C41WCLM	D.13	Strut Flange Beam Clamp 1-5/8"	BC16A000EG	-	B314	-
CBC 3/8	D.11	CBC3/8 Reversible Small Mouth Beam Clamp 3/8"	3000037EG, CRLB37EG	-	B3034-3/8	-
CBC 1/2	D.11	CBC1/2 Reversible Small Mouth Beam Clamp 1/2"	3000050EG	-	B3034-1/2	-
CBC 5/8	D.11	CBC5/8 Reversible Small Mouth Beam Clamp 5/8"	3000062EG	-	B3034-5/8	-
CBC 3/4	D.11	CBC3/4 Reversible Small Mouth Beam Clamp 3/4"	3000075EG	-	B3034-3/4	-

BEAM CLAMPS

LEGRAND	PAGE	DESCRIPTION	CADDY	STEEL CITY (T&B)	B-LINE	MINERALLAC
CBC 7/8	D.11	CBC7/8 Reversible Small Mouth Beam Clamp 7/8"	3000087EG	-	-	-
CBCC3/8	D.13	C-Clamp 3/8" w/Locknut	2000037EG	-	B351L-3/8	-
CBCC1/2	D.13	C-Clamp 1/2" w/Locknut	-	-	B351L-1/2	-
CBCHD1/4	D.14	Beam Clamp 7/8" Mouth 1/4"	BC130025EG	-	B303	-
CBCHD3/8	D.14	Beam Clamp 7/8" Mouth 3/8"	BC130037EG	-	B305	-
CBCHD1/2	D.14	Beam Clamp 7/8" Mouth 1/2"	BC130050EG	-	B307	-
CBCLD1/4	D.13	Set Screw Beam Clamp 1/4"	BC260025EG	-	B444-1/4	700
CBCLD3/8	D.13	Set Screw Beam Clamp 3/8"	-	-	B444-3/8	702
CBCLD1/2	D.13	Set Screw Beam Clamp 1/2"	-	-	B444-1/2	703
CBCUNI	D.12	Multi-function Beam Clamp	BC110000EG	-	B751	-
CBCUNJ	D.12	Multi-function Beam Clamp w/j-bolt	BC110000EG	-	-	-
CBCWD3/8	D.11	Reversible Thick Flange Beam Clamp 3/8"	3100037EG	-	B321-1	-
CBCWD1/2	D.11	Reversible Thick Flange Beam Clamp 1/2"	3100050EG	-	B321-2	-
CBCWD5/8	D.11	Reversible Thick Flange Beam Clamp 5/8"	-	-	B321-3	-
CBCWD3/4	D.11	Reversible Thick Flange Beam Clamp 3/4"	-	-	B321-4	-
CBCXHD3/8	D.14	Beam Clamp HD 1-21/32" Mouth 3/8"	BC140037EG	-	B321-1	-
CBCXHD1/2	D.14	Beam Clamp HD 1-21/32" Mouth 1/2"	BC140050EG	-	B321-2	-
CBCXHD5/8	D.14	Beam Clamp HD 1-21/32" Mouth 5/8"	BC140062EG	-	B321-3	-
CJ24	D.12	Knock-On for 1/8-1/4" Beam Thickness, 1/4" Attachment Hole	4H24	SSF-BF1/4	-	SFC18
CJ58	D.12	Knock-On for 5/16-1/2" Beam Thickness, 1/4" Attachment Hole	4H58	SSF-BF1/2	-	SFC516
CJBC1/4	D.11	1/4" Thread Beam Clamp thru 5/8" flange	BC200	BC1-TB	BLC BC442	600
CJ912	D.12	Knock-On Flange Clip 9/16" - 3/4" Flange	M912	SSF-BH3/4	BU912	-
CJC14	D.12	Knock-on Purlin Clamp C Shaped, 1/4" Attachment Hole	AF14	-	-	ABC25
CJFMP	D.12	Knock-On for 1/8-1/2" Beam Thickness, 1/4" Thread for Bolts/Rods	2FMP28	-	-	-
CJSSBC	D.11	Beam Clamp thru 1/2" flange	BC	SFF-BBC	BC1	500
CJZ14	D.12	Knock-on Purlin Clamp Z Shaped, 1/4" Attachment Hole	VF14	-	-	VBC25
CM24	D.12	Knock-on Clip 1/8" - 1/4" Flange	M24	SSF-BH1/4	BU-2-4	BC18
CM58	D.12	Knock-on Clip 5/16" - 1/2" Flange	M58	SSF-BH1/2	BU-5-8	BC516
CMBCC3/8	D.14	Malleable Iron C-clamp 3/8" w/locknut	-	-	B3036L-3/8	-
CMBCC1/2	D.14	Malleable Iron C-clamp 1/2" w/locknut	-	-	B3036L-1/2	-
CSTRP8	D.14	8" Restraining Strap	BC090900EG	-	3362-L	-
CSTRP10	D.14	10" Restraining Strap	BC091200EG	-	3363-L	-
CSTRP14	D.14	14" Restraining Strap	BC091500EG	-	3364-L	-
CSTRP16	D.14	16" Restraining Strap	-	-	3365-L	-
CSTRPH8	D.14	8" Restraining Strap	300C37X5EG	-	69-3/8-L	-
CSTRPH10	D.14	10" Restraining Strap	035RS1000EG	-	-	-
CSTRPH12	D.14	12" Restraining Strap	300C62X10EG	-	-	-
CSTRPH14	D.14	14" Restraining Strap	035RS1400EG	-	-	-
ETC 20	D.13	Tray Beam Support 0.8"	-	-	-	-
ETC 30	D.13	Tray Beam Support 1"	-	-	-	-
FASCLM KIT	D.12	Attaches FASP to Beam	-	-	-	-

CABLE CLAMPS

LEGRAND	PAGE	DESCRIPTION	CADDY	STEEL CITY (T&B)	B-LINE	MINERALLAC
BAH416	D.16	Twist W/ Hole 1/4Hole .63 Flg 15/16 T-Grid	4G16H, 4G16HWH	SSFT15TSH	BA416H	-
CA49	D.16	Twist W/ Wing Nut 9/16 T-Grid 5/8 Screw	4G9	-	BA49	-
CAAC	D.16	Twist Track Lgt 15/16 T-Grid 5/8 Screw Pal Nut	4G8, 4G16LN	SSFT15T85/8	BA216	-
CAC	D.17	90 Degree Angled Clip 1/4" Hole	SCH72B, AB	-	B1564S	BA
CAC6	D.17	Conduit-To-Structure Attachments 90 Degree Angle Clip 3/8"	-	-	-	-
CC6W34	D.15	Rod Fastener 1/4" Rod	6Z348, 4Z34	-	BW6	-
CCJ6	D.16	MC/NM Cable Support	CJ6, CJ6S	SSFSC6	BRC4M	C6
CCMC7	D.16	Cble Supt Bckt 10-3 - 8-3 MC, 7 Cap	MCS101	-	BRC53	-
CCMC7W	D.15	Cble Supt Brkt Wr10-3 to 8-3 MC 7 Capacity 1/4Rod#8 Wire	MCS1014Z	-	BRC53	-
CCMC8	D.16	Cble Brkt 14 to 8-3 MC, 8 Capacity	MCS100, MCS50	-	BRC52	-

CABLE CLAMPS

LEGRAND	PAGE	DESCRIPTION	CADDY	STEEL CITY (T&B)	B-LINE	MINERALLAC
CCMC58B	D.16	Cbl to Flg Btm 14-10-3 MC .5FLG	MAC258	SSFCR2H1/2	BX4U58	-
CCMC59	D.17	Cable Snap .5 FLG .468-.562OD	SC8D	SSFCEL562	BXL1214	SC8D, F8D
CCMC216	D.17	Cable Snap .188 Flg 0.468-0.562OD	SC2D	SSFCES562	BXS1214	F2D
CCMC218	D.17	Cable Snap .188 Flg 0.5-0.720D	SC2E	SSFCES718	BXS1519	SC2E, F2E
CCMC418	D.17	Cable Snap .28 FLG .5-.72 OD	SC4E	SSFCM718	BXM1519	SC4E, F4E
CCMC724	D.16	MC Cable Clamp - Flange Clip - 14-3 to 10-2 Bottom Mount	MCS10024	-	-	-
CCP16W4	D.16	Co-Wire Push 1 EMT & 3/4 Rgd 1/4 Rod #12 Wire .375 Flg	4Z3416P	SSFCUCS1	BP16W2	4Z3416P, ASP100
CCTMC	D.16	CAMCMC Cable to T-Grid 14-4 to 10-3 MC	MAC2ATA	-	BX4A6	-
CCW4	D.15	Batwing Cable/Con 1/2EMT 14 12-3 MC	KX	-	BW4	FXBX
CCW6	D.15	Batwing 3/4-1 EMT, 1/2-3/4 Rgd	K16, K20	-	BW16	FS3
CCW8	D.15	Cable/Con 1/2 EMT, 1/2 Rgd, 12-3 MC	K8	-	BW8	FS1
CCW12	D.15	Cable/Con 1/2-3/4-1 EMT, 1/2-3/4 Rgd	K12, K16, EC311	-	BW12	FS2
CC16W4	D.15	Snap Con-Wire 1 EMT 1/4 Rd#12 Wre	4Z3416M	SSFCUCC1	BG16W2	4Z3416M, APSKC1
CCWH3	D.17	CCWH18 Cable Hgr, 1 1/8" Dia	WMX3	SSFCW3	BX2	-
CCWH6	D.17	Cable Hgr, 1 3/4" Dia	WMX6, WMX6SF	SSFCW6	BX6	-
CGRD	D.17	Ground Grid Wire clip	RGC	3900	BM5	-
CJBW	D.15	Rod Fastener 3/8" Plain or Threaded Rod 3/8 - 7/16"	4Z34	-	BW2	APS
CJBWS	D.15	Multi-Func 1/4 Rod #12 Wire, 1/4 Screw	4Z4S	-	BW4	-

WALL BRACKETS

LEGRAND	PAGE	DESCRIPTION	CADDY	T&B	B-LINE	MINERALLAC
CWTBB16	D.25	Telescoping Box Bracket 11"-18"	TSGB16, A1B1624, SGB16A	-	BB2-16T	-
CWTBB24	D.25	Telescoping Box Bracket 17"-26"	TSGB24, TSGB1624, SGB24A	-	BB2-24T	-
CWTBBC	D.25	Box Mounting Clip for CWTBB Slider Bracket	TSGLDR1	-	BB2TS	-
CWTSB	D.25	Telescoping Support Bracket 16"-27"	TSRBS1625	SB0ADJ	-	-
FB816	D.29	Concrete Wall Bracket	-	-	-	-
FB816-D-12CONN	D.29	1/2" EMT Connector	-	-	-	-
FB816-D-34CONN	D.29	3/4" EMT Connector	-	-	-	-
FB816-D-1CONN	D.29	1" EMT Connect	-	-	-	-
W1	D.27	Wall Bracket - 1 opening 5" x 8.5"	TEB23, TEB4, MEB1, H32, H4, H6, STS2346, C23, C4, C6	-	BB70	FB0234
W2	D.27	Wall Bracket - 2 openings 5" x 11"	-	-	-	-
W3	D.27	Wall Bracket - 3 openings 5" x 16.75"	RBS16	SB016, H16S	BB8-16	-
W4	D.27	Wall Bracket - 4 openings 5" x 26"	RBS24	SB024	BB8-24	-
W34	D.27	Wall Bracket - 3 openings 5" x 26"	-	-	-	-
W16SSL	D.27	Wall Bracket - 16" slider	-	-	BB7-16	-
W24SSL	D.27	Wall Bracket - 24" slider	-	-	BB7-24	-

CEILING BRACKETS

LEGRAND	PAGE	DESCRIPTION	CADDY	STEEL CITY (T&B)	B-LINE	MINERALLAC
CA12	D.28	T-Grid Box Hgr, 24" T-Grid	512, 512HD, 512HDEEP	SSFTH24A	BA12	TBAR
CC6MBW4	D.28	Box/Con Hgr Wire 3/8EMT 1/4Rod#12 Wr	6MB18	-	BG6S18W2	6MB18, CBS18KC38APS
CC812MBW	D.28	Box/Con Hngr 1/2-3/4EMT .25Rod#12Wire	81EMB18	-	BG812S18W2	CBS18KC1234APS
CC812MBW6	D.28	Box/Con Hgr Wire 1/2-3/4EMT 3/8Rod	812MB186, 6MB186	-	BG812S18W6	-
TEK812	D.28	1/2 Self-Drilling/Tapping Screw, #8	SMS8	-	BWHS-9D	-

FLOOR BRACKETS

LEGRAND	PAGE	DESCRIPTION	CADDY	T&B	B-LINE	MINERALLAC
F112	D.31	1 opening - 12" x 5"	FBS12	SSF-SV12	-	-
F115	D.31	1 opening - 15" x 5"	-	-	BBF-15, BBF-15C	-
F118	D.31	1 opening - 18" x 5"	FMBS18, FMBS1824	SSF-SV18	BBF-18, BBF-18C	-
F124	D.31	1 opening - 24" x 5"	-	-	BBF-24, BBF-24C	-
F212	D.31	2 openings - 12" x 5"	-	-	-	-
F215	D.31	2 openings - 15" x 5"	-	-	-	-
F218	D.31	2 openings - 18" x 5"	-	-	-	-
F224	D.31	2 openings - 24" x 5"	-	-	-	-
F312	D.31	3 openings - 12" x 5"	-	-	-	-
F315	D.31	3 openings - 15" x 5"	-	-	-	-
F318	D.31	3 openings - 18" x 5"	-	H16V18S	-	-
F324	D.31	3 openings - 24" x 5"	-	-	-	-
F418	D.31	4 openings - 18" x 5"	-	-	-	-

PLASTER RINGS

LEGRAND	PAGE	DESCRIPTION	CADDY	T&B	B-LINE	MINERALLAC
APR-1-5/8	D.32	Single Gang 5/8" to 1 1/4"	-	-	-	-
APR-1	D.32	Single Gang 3/4" to 1 1/2"	-	-	B1AJ	-
APR-2	D.32	Two Gang 3/4" to 1 1/2"	-	-	B2AJ	-
APR-3	D.32	3 Gang 3/4" to 1 1/2"	-	-	B3AJ	-
APR-R	D.32	3-0 Round 3/4" to 1 1/2"	-	-	BRAJ	-
CBX1	D.32	Single Gang Mounting Plate w/ Screws	MPLS, MP2	WBF1	BB10L	WBF1
CBXR	D.32	Single Gang Low Voltage Mounting Plate	MP1S, MP1P, MP1	-	BB15	-
DCP-1	D.32	Single Gang Receptacle 2 #8 -32 screws	-	-	BPR1	-
DCP-2	D.32	Double Gang Receptacle 2 #8 -32 screws	-	-	BPR2	-
DCP-3	D.32	Three Gang Receptacle 2 #8 -32 screws	-	-	-	-
DCP-4	D.32	Four Gang Receptacle 2 #8 -32 screws	-	-	-	-
DCP-1T	D.32	Single Gang Toggle Switch 2 #8 -32 screws	-	-	BPS1	-
DCP-2T	D.32	Double Gang Toggle Switch 2 #8 -32 screws	-	-	BPS2	-
DCP-3T	D.32	Three Gang Toggle Switch 2 #8 -32 screws	-	-	-	-
DCP-4T	D.32	Four Gang Toggle Switch 2 #8 -32 screws	-	-	-	-
DCP-DT	D.32	Double Gang Toggle Switch & Device	-	-	-	-
DCP-1R	D.32	Single Gang Plaster Ring only	-	-	BPR1	-
DCP-2R	D.32	Double Gang Plaster Ring only	-	-	BPR2	-
DCP-3R	D.32	Three Gang Plaster Ring only	-	-	-	-
DCP-4R	D.32	Four Gang Plaster Ring only	-	-	-	-
DCP-R	D.32	3" Round Plaster Ring only	-	-	-	-

SUPPORTS

LEGRAND	PAGE	DESCRIPTION	CADDY	T&B	B-LINE	MINERALLAC
AR 250/650	D.27, D.31	2.5" to 6" Adjustable Support Arm	766, JA135, 766A, 766PM, 766D, H23, H6, TEB23, STS2346	SS1-TB	-	-
AR 250	D.27, D.31	2.5" Fixed Depth Support Arm	-	-	-	-
AR 300	D.27, D.31	3" Fixed Depth Support Arm	-	-	-	-
AR 350	D.27, D.31	3.5" Fixed Depth Support Arm	-	-	-	-
AR 400	D.27, D.31	4" Fixed Depth Support Arm	-	-	-	-
AR 450	D.27, D.31	4.5" Fixed Depth Support Arm	-	-	-	-
AR 500	D.27, D.31	5" Fixed Depth Support Arm	-	-	-	-
AR 600	D.27, D.31	6" Fixed Depth Support Arm	-	-	-	-
AR 650	D.27, D.31	6.5" Fixed Depth Support Arm	-	-	-	-
T16	D.31	16" Wall brace for floor bracket	TEBS1624	-	-	-
T24	D.31	24" Wall brace for floor bracket	TEBS1624	-	-	-

CABLOPORT

LEGRAND	PAGE	DESCRIPTION
CP5	D.35	5" Base
CP10	D.35	9.6" Base
CP20	D.35	19.5" Base
CP30	D.35	28.8" Base
CPP5	D.35	5" Base w/ FASP Support
CPP10	D.35	9.6" Base w/ FASP Support
CPP20	D.35	19.5" Base w/ FASP Support
CPP30	D.35	28.8" Base w/ FASP Support
CPPE10-88	D.36	9.6" Extension Series Base w/ 8" FASP Support, 8" H
CPPE10-128	D.36	9.6" Extension Series Base w/ 8" FASP Support, 12" H
CPPE20-818	D.36	19.5" Extension Series Base w/ 18" FASP Support, 8" H
CPPE20-824	D.36	22" Extension Series Base w/ 24" FASP Support, 8" H
CPPE20-1218	D.36	19.5" Extension Series Base w/ 18" FASP Support, 12" H
CPPE20-1224	D.36	19.5" Extension Series Base w/ 24" FASP Support, 12" H
CPPB10-28	D.37	9.6" Bridge Series Base w/ 28" FASP Support
CPS5	D.35	5" Base w/ Strut Support
CPS10	D.35	9.6" Base w/ Strut Support
CPS15	D.35	14.6" Base w/ Strut Support
CPS20	D.35	19.5" Base w/ Strut Support
CPS30	D.35	28.8" Base w/ Strut Support
CPSA10	D.37	6" Base w/ Variable Angle Channel Support, 9.6" W
CPSA20	D.37	6" Base w/ Variable Angle Channel Support, 19.5" W
CPSB10-28	D.37	9.6" Bridge Series Base w/ 28" Strut Support
CPSB10-36	D.37	9.6" Bridge Series Base w/ 36" Strut Support
CPSB10-42	D.37	9.6" Bridge Series Base w/ 42" Strut Support
CPSB10-60	D.37	9.6" Bridge Series Base w/ 60" Strut Support
CPSE10-810	D.36	9.6" Extension Series Base w/ 10" Strut Support, 8" H
CPSE10-1210	D.36	9.6" Extension Series Base w/ 10" Strut Support, 12" H
CPSE20-822	D.36	19.5" Extension Series Base w/ 22" Strut Support, 8" H
CPSE30-828	D.36	28.8" Extension Series Base w/ 28" Strut Support, 8" H
CPSE30-1228	D.36	28.8" Extension Series Base w/ 28" Strut Support, 12" H
CPSME1020	D.36	10" Medium Load Series Base w/ 20" Strut Support
CPSME1030	D.36	10" Medium Load Series Base w/ 30" Strut Support
CPSME1620	D.36	16" Medium Load Series Base w/ 20" Strut Support
CPSME1630	D.36	16" Medium Load Series Base w/ 30" Strut Support

SEISMIC BRACING

LEGRAND	PAGE	DESCRIPTION
PW-12-CBL	D.39	Gold Spool, 12 Gage
PW-18-CBL	D.39	Orange Spool, 18 Gage
PW-36-CBL	D.39	Green Spool, 36 Gage
PW-12-SLV	D.41	(1) BAG of 100 #12 oval sleeves
PW-18-SLV	D.41	(1) BAG of 100 #18 oval sleeves
PW-36-SLV	D.41	(1) BAG of 100 #36 oval sleeves
PW-1-SBHS	D.41	(1) large swager for crimping oval sleeves
PW-12-SBHS	D.41	(1) hand swager for crimping oval sleeves
PW-C7	D.41	(1) Felco cable cutter for #12 and #18 cables
PW-C9	D.41	(1) Felco cable cutter for #12, #18 and #36 cables
PW12-4W38E-5	D.39	Standard Gold Kit, 5'
PW12-4W38E-10	D.39	Standard Gold Kit, 10'
PW12-4W38E-15	D.39	Standard Gold Kit, 15'
PW12-4W38E-20	D.39	Standard Gold Kit, 20'
PW18-4W12E-5	D.39	Standard Orange Kit, 5'
PW18-4W12E-10	D.39	Standard Orange Kit, 10'
PW18-4W12E-15	D.39	Standard Orange Kit, 15'
PW18-4W12E-20	D.39	Standard Orange Kit, 20'
PW36-4W12E-5	D.39	Standard Green Kit, 5'
PW36-4W12E-10	D.39	Standard Green Kit, 10'
PW36-4W12E-15	D.39	Standard Green Kit, 15'
PW36-4W12E-20	D.39	Standard Green Kit, 20'
PW-NPC-3/8P	D.41	NPC for 3/8" hangers
PW-NPC-1/2P	D.41	NPC for 1/2" hangers
PW-NPC-5/8P	D.41	NPC for 5/8" hangers
PW-NPC-3/4P	D.41	NPC for 3/4" hangers
PW-URCR-1/4P	D.41	URC for 1/4" hangers
PW-URCR-3/8P	D.41	URC for 3/8" hangers
PW-URCR-1/2P	D.41	URC for 1/2" hangers
PW-URCR-5/8P	D.41	URC for 5/8" hangers
SZMCKIT	D.39	Universal Red Kit, 10'

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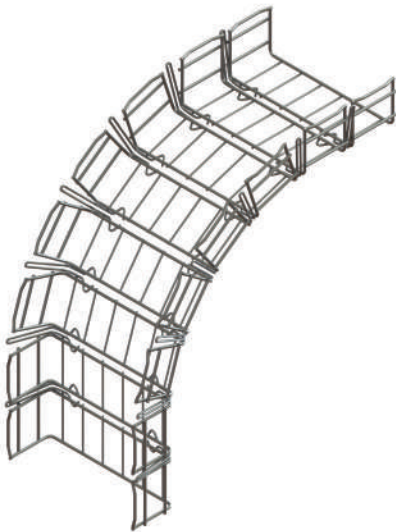
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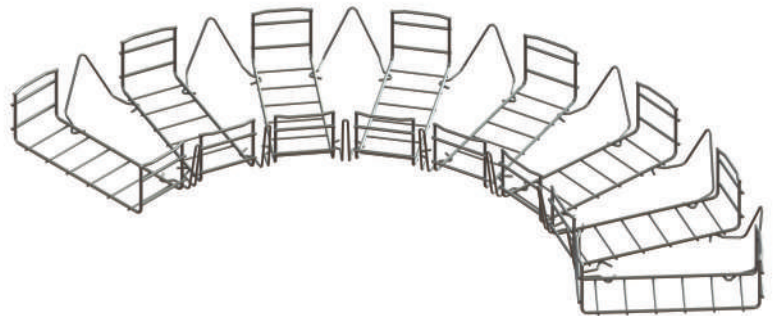
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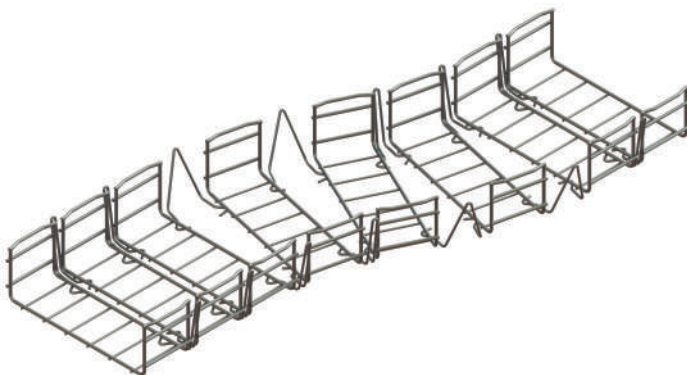
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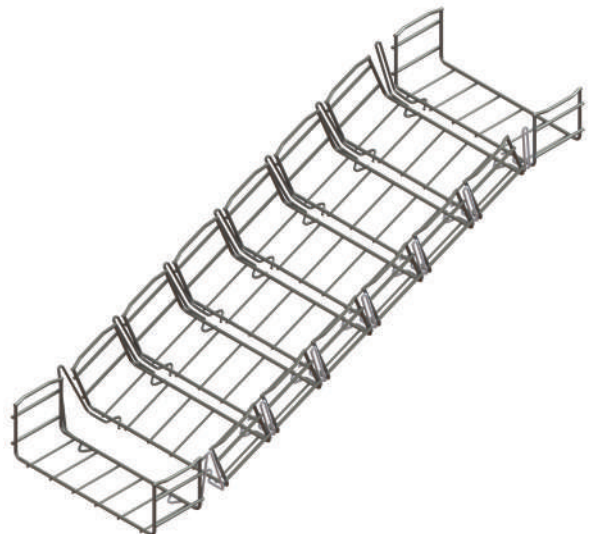
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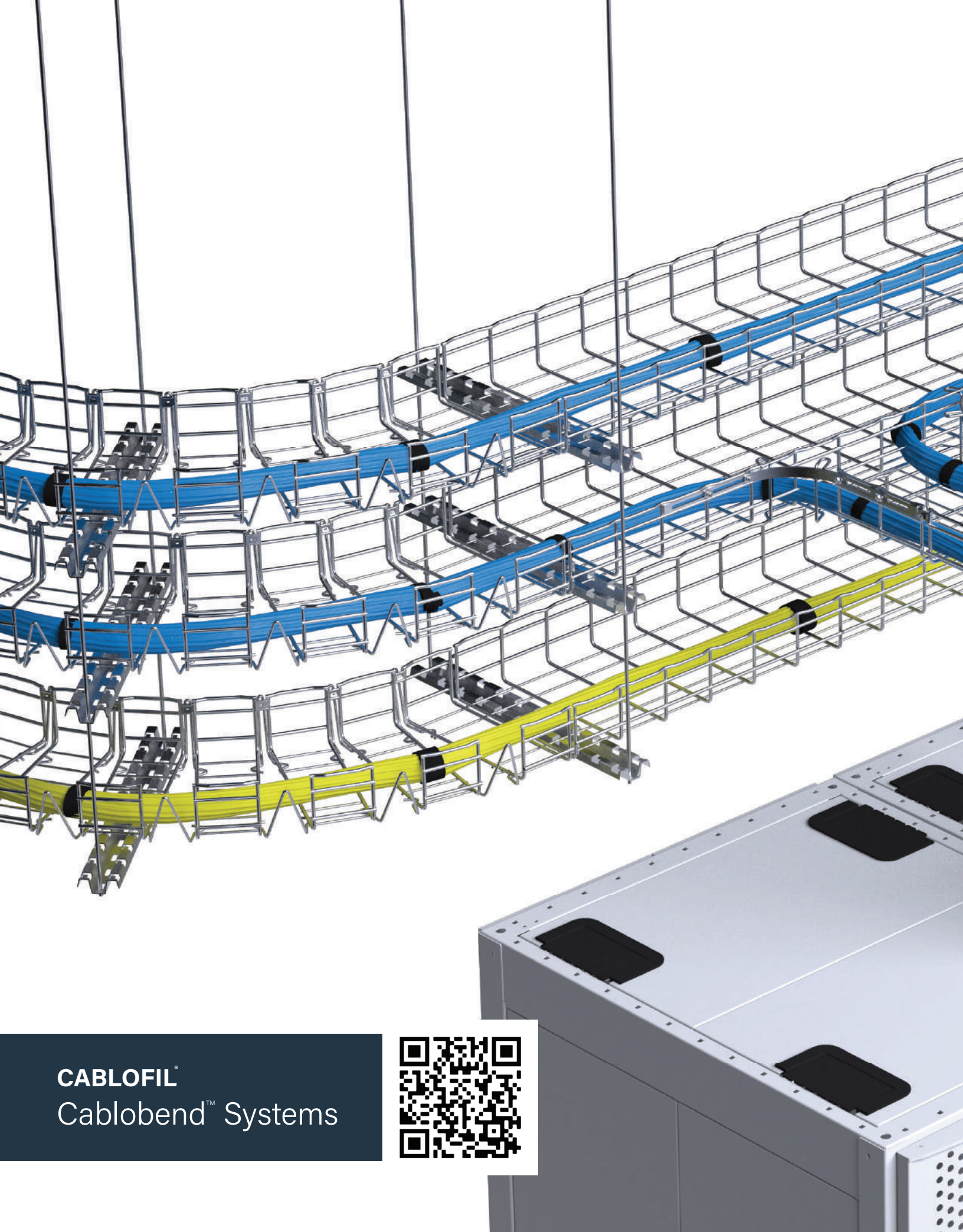


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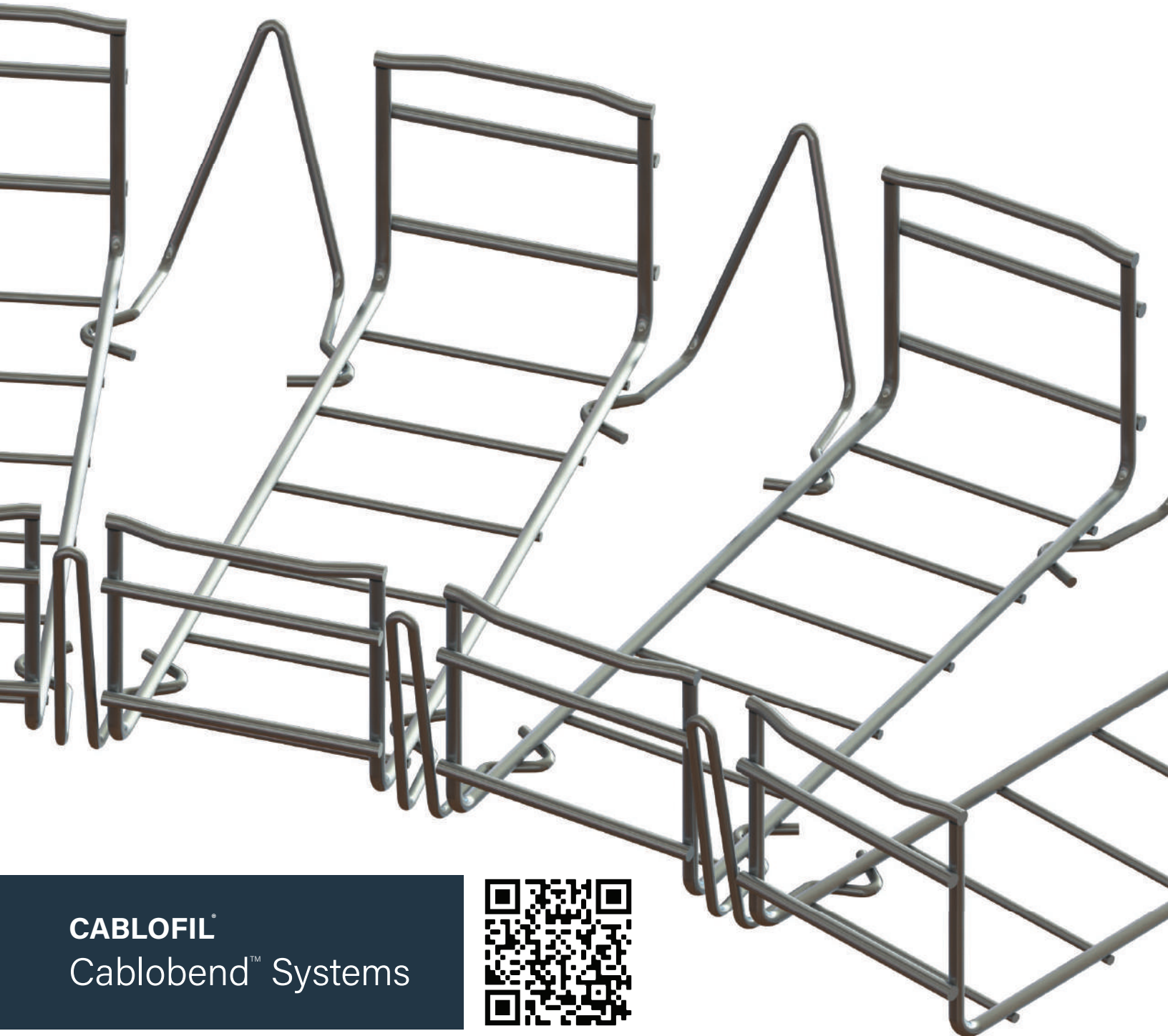


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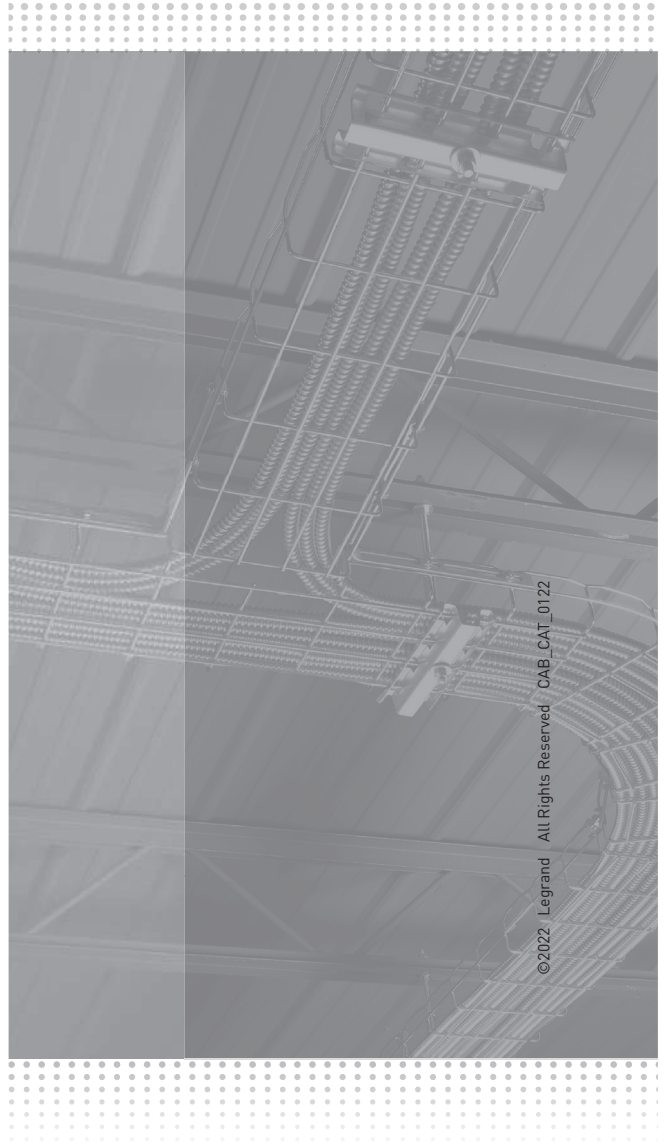
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