

CABLOFIL CABLE MANAGEMENT

Finishes and Product Features

Cablofil Cable Management is 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

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 COMPATIBILITY

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

RECOMMENDED FOR TYPICAL 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

GALVANIC CORROSION TEXT RESULTS

SECONDARY MATERIAL (HARDWARE)	PRIMARY MATERIAL (TRAY)							
	STAINLESS-STEEL 304L	NICKLE	COPPER	BRASS	CARBON STEEL	ALUMINIUM	CHROMIUM	ZINC
Stainless-steel 304L	0							
Nickle	180	0						
Copper	320	140	0					
Brass	400	220	80	0				
Carbon Steel	750	570	430	350	0			
Aluminum	840	660	520	440	90	0		
Chromium	950	770	630	550	200	110	0	
Zinc	1150	970	830	750	400	310	200	0

The potential differences are expressed in millivolts. Shaded secondary materials in combination with primary materials listed above is not recommended.

Conditions

Lab Tests

- Submerged in seawater
- Equal mass materials
- Great connection

Typical Cable Tray Installation

- Wet/dry cycles not constant immersion
- Primary material may be 100 times greater
- Electrical current/connector

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

SYMBOLS LEGEND

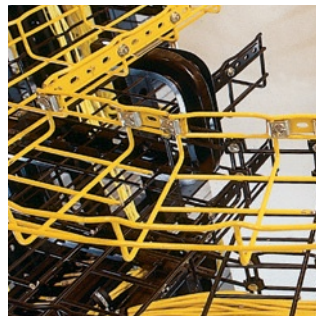
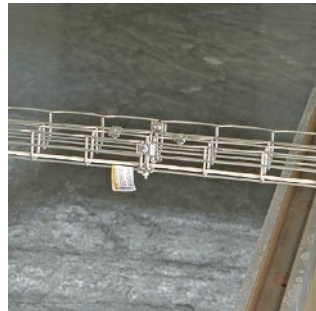
Use these symbols to guide you through our catalog of innovative cable management products.



SPLICING



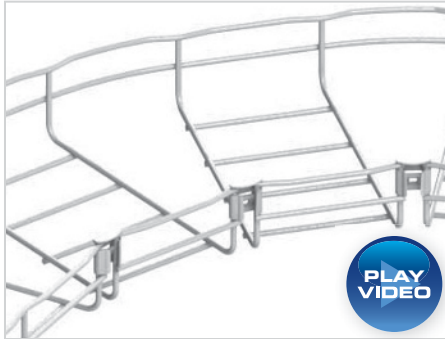
- 21 EDRN**
FAST SPLICE
- 21 EDRTOOL**
MOUNTING TOOL
- 22 PRECLICK**
SPLICE
- 22 EDRSKIT**
TRAY REDUCTION KIT
- 23 EDT**
SPLICE PLATE
- 23 ED 275**
UNIVERSAL SPLICE BAR
- 24 SWK**
SPLICE WASHER KIT
- 24 CE 40**
SQUARE SPLICE WASHER
- 25 CE 25/CE30**
SQUARE SPLICE WASHER
- 25 CE 35**
CLAMPING WASHER
- 26 FASLOCK**
SPLICE
- 26 EAC**
ELEVATION CHANGE HINGE
- 26 EZT 90 KIT**
90° AND TEE BEND KIT
- 27 RADT 90 KIT**
RADIUS TEE 90° KIT



Cablofil has a splice for every need. Our EDRN is the fastest splice we offer saving up to 1/2 the installation time compared to bolted connections. Other splices are available that help installers give your installation additional strength or have improved electrical continuity. The choice is yours.

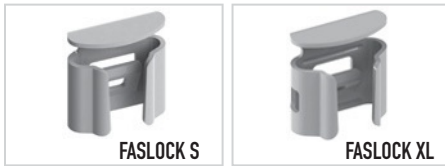
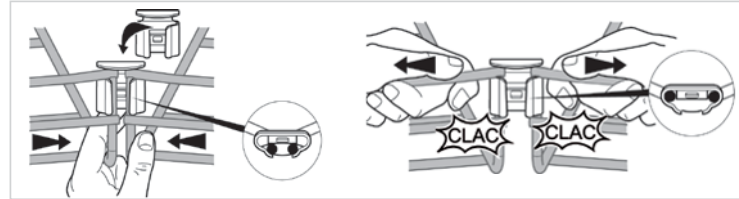
For more information on splicing Cablofil Cable Management, please go to www.legrand.us/cablofil.

FASLOCK SPLICE



PLAY VIDEO

- Simple splicing method for bends and sweeps requires no tools.
- Use FASLOCK S for tray widths from 100 to 200mm and FASLOCK XL for tray widths from 300 to 600mm.
- Unique design protects installers from cut edges.

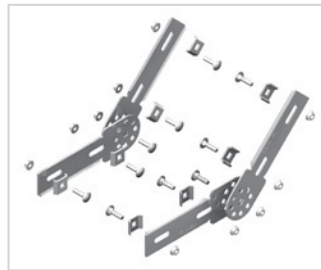
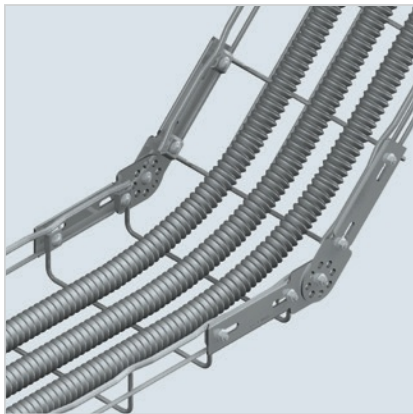


FASLOCK S

FASLOCK XL

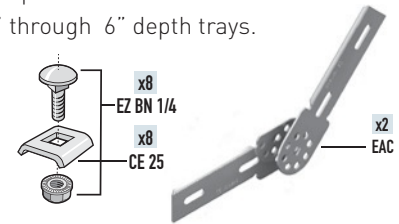
	PKG. QTY.	WEIGHT		EZ	DC	316L	BL	PE
		LBS	KG					
FAS LOCK S	25	1.4	0.63	558 340	558 347	558 344	942 869	942 870
FAS LOCK XL	25	1.4	0.63	558 320	558 327	558 324	942 821	942 822

EAC KIT ELEVATION CHANGE HINGE

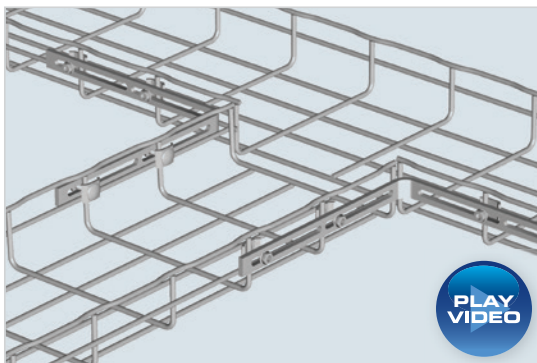


- Reinforces changes in elevation.
- Strengthens installations that support heavy power cables.
- Package contains hardware required for elevation change as shown in photo.
- Pivot hardware pre installed.
- Works with 2" through 6" depth trays.

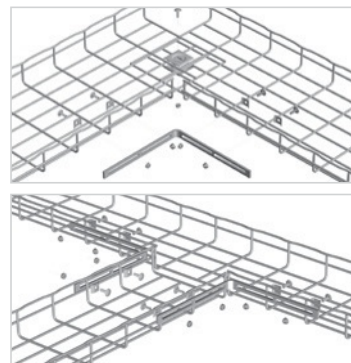
	PKG. QTY.	WEIGHT		DC
		LBS	KG	
EAC KIT	1	0.36	0.16	943 131



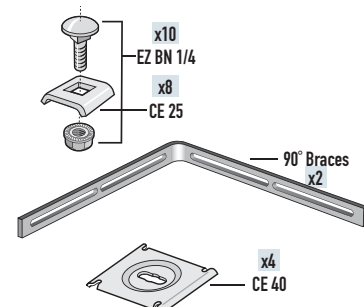
EZT 90 KIT 90° AND TEE BEND KIT



PLAY VIDEO



- 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.

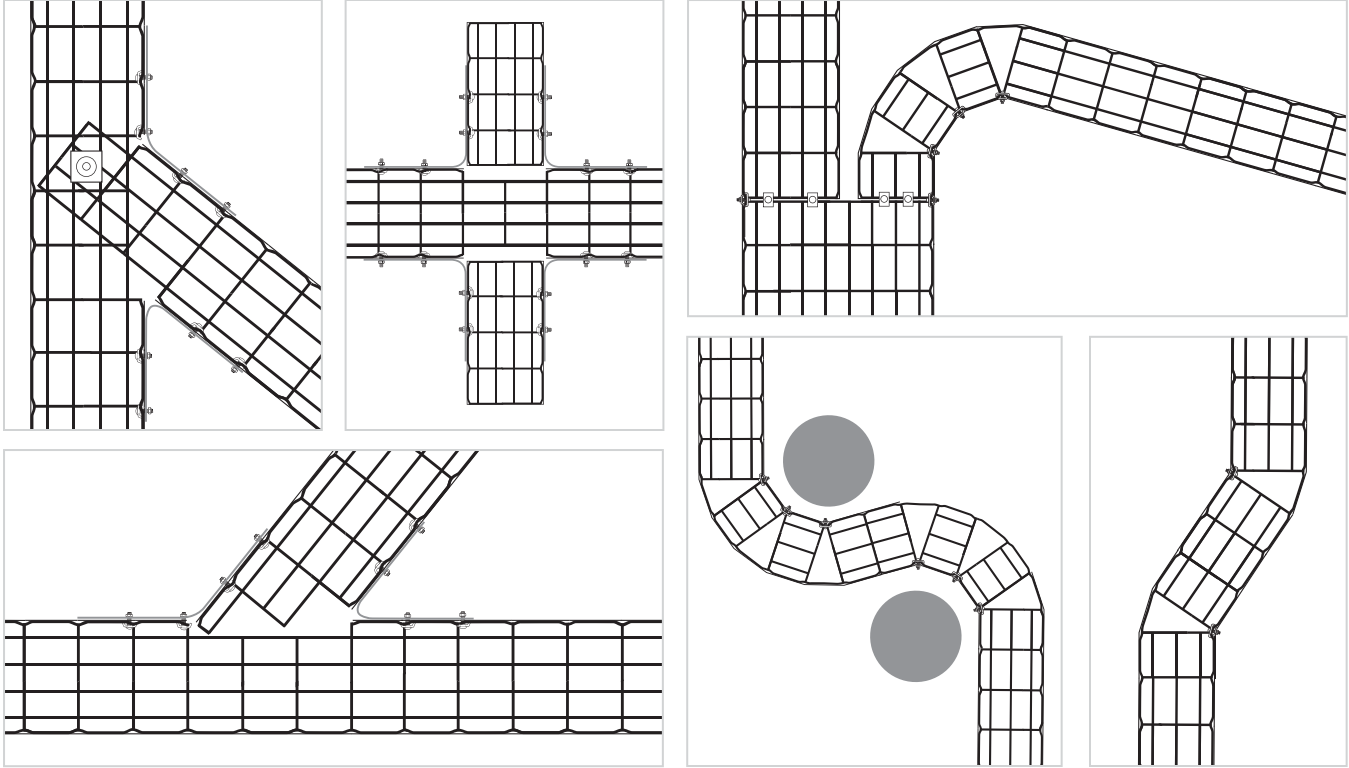


	PKG. QTY.	WEIGHT		EZ	GC	316L	BL	PE
		LBS	KG					
EZT 90 KIT	1	1.5	0.7	941 052	942 686	941 056	942 307	942 379

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 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 DEGREE BENDS								HORIZONTAL TEE					
		FASLOCK (SWEEP)		SWK (SWEEP)		RADT90		EZT90		RADT90		EZT90		Y JUNCTION	
TRAY WIDTH		QTY. REQUIRED	CUT INSTRUT.	QTY. REQUIRED	CUT INSTRUT.	QTY. REQUIRED	CUT INSTRUT.	QTY. REQUIRED	CUT INSTRUT.	QTY. REQUIRED	CUT INSTRUT.	QTY. REQUIRED	CUT INSTRUT.	HARDWARE REQUIRED	CUT INSTRUT.
INCHES	MM														
2.0	50	-	-	2	p. 102	-	-	1 kit	p. 98	-	-	1 kit	p. 92	-	-
4.0	100	2	p. 104	2	p. 102	1 kit	p. 96	1 kit	p. 98	1 kit	p. 90	1 kit	p. 92	p. 94	p. 94
6.0	150	3	p. 104	4	p. 102	1 kit	p. 96	1 kit	p. 98	1 kit	p. 90	1 kit	p. 92	p. 94	p. 94
8.0	200	4	p. 104	4	p. 102	1 kit	p. 96	1 kit	p. 98	1 kit	p. 90	1 kit	p. 92	p. 94	p. 94
12.0	300	6	p. 104	6	p. 103	1 kit	p. 96	1 kit	p. 99	1 kit	p. 91	1 kit	p. 93	p. 95	p. 95
18.0	400	9	p. 105	8	p. 103	1 kit	p. 97	1 kit	p. 99	1 kit	p. 91	1 kit	p. 93	p. 95	p. 95
20.0	450	10	p. 105	9	p. 103	1 kit	p. 97	1 kit	p. 99	1 kit	p. 91	1 kit	p. 93	-	-
24.0	550	12	p. 105	11	p. 103	1 kit	p. 97	1 kit	p. 99	1 kit	p. 91	1 kit	p. 93	-	-

