







The Flextray system is a flexible, field-adaptable way to manage cables throughout your project. The tray can be cut and bent to the needs of the installer on the jobsite, allowing cable runs to be adjusted as needed. The wide range of sizes offered makes Flextray a great choice for everything from a small cable drop to a large trunk of cables. Our tray has the market-preferred "T" weld safety edge, protecting both the cable and the installer during cable installation. Flextray is also UL Classified as an equipment grounding conductor.

FLEXTRAY™ Wire Basket - Technical Data

Finish Information

FLEXTRAY cable tray and accessories are available in a wide variety of finishes to meet the environmental or aesthetic requirements of customer installations. Use the list below to find the finish and suffix that will meet your needs.

Available product finishes will be listed on individual pages throughout the catalog.

Finish codes shown in bold type are the standard for that product.

Plain wire: ASTM A510, Grade 1008

EG Electroplated zinc galvanized finish applied after fabrication

(ELG) Recommended applications: Controlled interior
UL/CSA Classified as an equipment ground conductor when spliced as recommended
ASTM B633 - Average thickness of 0.3 mils (8 microns)

GS Pre-galvanized zinc finish applied before fabrication

(GLV) Recommended applications: Limited industrial & interior UL/CSA Classified as an equipment ground conductor when spliced as recommended ASTM A641

BLE Black powder coat finish applied after fabrication Recommended applications: Controlled interior

UL/CSA Classified as an equipment ground conductor when coating has been removed at splice contact points

Average paint thickness of 1.2 mils (30 microns) to 3.0 mils (75 microns)

HD Hot dip galvanized finish applied after fabrication

(HDG) Recommended applications: Exterior, corrosive. Not intended for clean room applications. UL/CSA Classified as an equipment ground conductor when spliced as recommended ASTM A123 - Average thickness of 2.4 mils (60 microns) to 3.2 mils (80 microns)

304S 304L Stainless steel

(SS4) Recommended applications: Food preparation, wash-down areas ASTM A580

316S 316L Stainless steel

(SS6) Recommended applications: Highly corrosive applications & marine environments ASTM A580

Custom powder coat finish applied after fabrication
Recommended applications: Controlled interior
UL/CSA Classified as an equipment ground conductor when coating has been removed at splice contact points
No Specification

Grounding Information

Statement for all UL Classified products:



This product is classified by Underwriters Laboratories, Inc. as to its suitability as an equipment grounding conductor only. 556E



Most sizes of the FLEXTRAY system are UL Classified to serve as an Equipment Ground Conductor. The ground path can be achieved in one of two ways listed on page D-4:

Grounding Information (cont.)

- 1. Use the recommended quantity of UL Classified splices to connect sections and at places where the tray is cut.
- 2. Run an appropriately sized ground wire alongside the tray and attach it to each tray section and on both sides of a cut in the tray. (This method is recommended by NEMA VE-2 Installation Manual.)

Load & Fill Chart

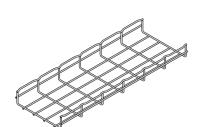
	CTRAY eries Size	Suppor	t Span / Lo Lbs/Ft	-	pacity*	Actual Area Inside	Cable Number of CAT	Fill (50% fill)** Number of CAT	Number of CAT
Number	height x width	5'-0"	6'-0"	7'-0"	8'-0"	Tray (in²)	5e Cables***	CAT 6 Cables***	CAT 6A Cables***
FT2X2	2" x 2"	34	28	24	20	4.3	61	43	33
FT2X4	2" x 4"	52	43	35	27	8.2	118	83	64
FT2X6	2" x 6"	66	47	35	27	12.1	175	123	95
FT2X8	2" x 8"	66	47	35	27	16.1	231	163	125
FT2X12	2" x 12"	68	47	35	27	23.9	345	243	187
FT2X16	2" x 16"	68	47	35	27	31.8	459	324	249
FT2X18	2" x 18"	68	47	35	27	35.8	516	364	280
FT2X20	2" x 20"	68	47	35	27	39.7	573	404	311
FT2X24	2" x 24"	68	47	35	27	47.5	686	484	372
FT2X30	2" x 30"	68	47	35	27	59.8	862	608	468
FT2X32	2" x 32"	77	53	39	30	63.3	914	645	496
FT4X4	4" x 4"	58	49	42	36	15.8	227	160	123
FT4X6	4" x 6"	93	77	60	46	23.6	341	240	185
FT4X8	4" x 8"	94	78	61	47	31.5	454	321	247
FT4X12	4" x 12"	119	83	61	47	47.5	686	484	372
FT4X16	4" x 16"	119	83	61	47	63.5	917	647	498
FT4X18	4" x 18"	119	83	61	47	71.5	1032	728	560
FT4X20	4" x 20"	119	83	61	47	79.5	1148	810	623
FT4X24	4" x 24"	128	89	65	50	95.5	1379	973	749
FT4X30	4" x 30"	128	89	65	50	119.5	1725	1217	936
FT6X8	6" x 8"	111	77	57	43	47.3	682	481	370
FT6X12	6" x 12"	124	86	63	48	71.6	1034	729	561
FT6X16	6" x 16"	128	89	65	50	95.3	1375	970	746
FT6X18	6" x 18"	128	89	65	50	107.3	1549	1092	840
FT6X20	6" x 20"	141	98	72	55	118.9	1716	1211	932
FT6X24	6" x 24"	154	107	78	60	143.3	2068	1459	1123

^{*} Published load chart has not been tested with Flexmate™ splice. Please consult the factory for load information when using the Flexmate option.

^{**} FLEXTRAY fill capacity is based on NEC allowable fill of 50%. The NEC rule requires that the cable cross-sectional areas together may not exceed 50% of the tray area (width x depth = fill). Cables will nearly completely fill the cable tray when reaching the 50% cable fill, due to empty space between the surface of the cables. TIA recommends 40% fill ratio. Flextray loads shown in the loading chart will not be exceeded at 50% fill.

^{***} CAT 5e 4-pr non-plenum approximated at .21 in. diameter, CAT 6 4-pr non-plenum approximated at .25 in. diameter, CAT 6A approximated at .285 diameter. Actual diameters vary by cable manufacturer.

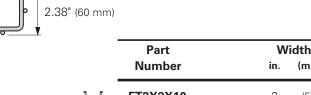
2" Deep FLEXTRAY



Height: 2.38" (60 mm) **Length:** 118.312" (3 meter)

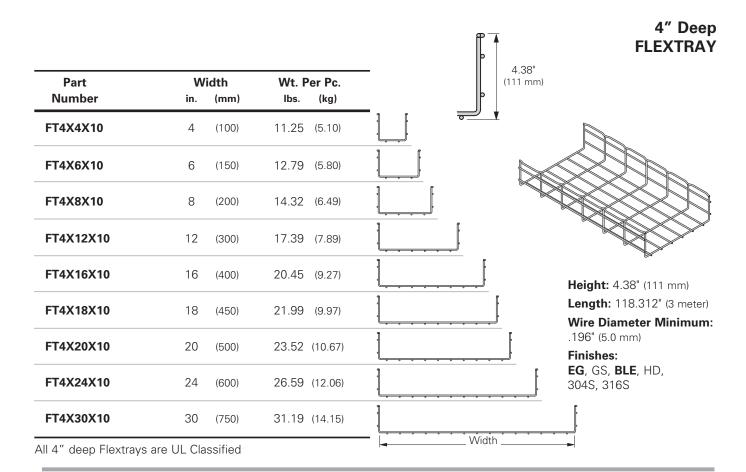
Wire Dia. Minimum: .196" (5.0 mm)

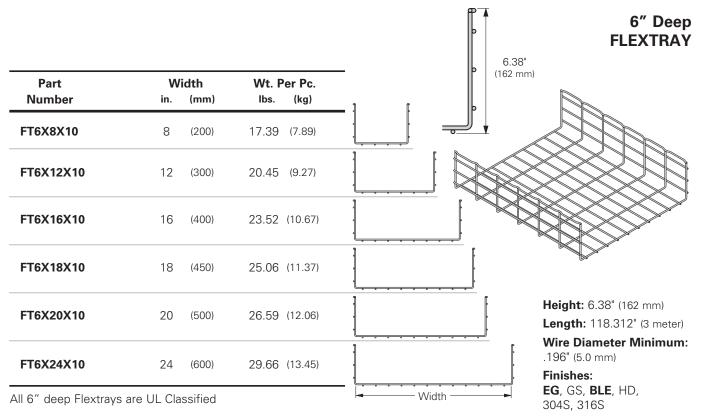
EG, GS, BLE, HD, 304S, 316S



	Part Number	W in.	idth (mm)	Wt. Per Pc. lbs. (kg)
	FT2X2X10	2	(50)	6.6 (2.99)
	FT2X4X10	4	(100)	8.2 (3.72)
	FT2X6X10	6	(150)	9.7 (4.40)
	FT2X8X10	8	(200)	11.2 (5.08)
	FT2X12X10	12	(300)	14.3 (6.48)
	FT2X16X10	16	(400)	17.4 (7.89)
	FT2X18X10	18	(450)	18.9 (8.57)
	FT2X20X10	20	(500)	20.4 (9.25)
	FT2X24X10	24	(600)	23.5 (10.66)
	FT2X30X10	30	(750	28.1 (12.74)
Width	FT2X32X10	32	(800	29.7 (13.47)
/viutii				

FT2X6 (6" wide) through FT2X32 (32" wide) are UL Classified









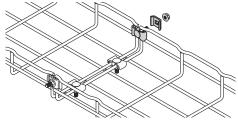
Washer Splice Kit

- Washer is staked to bolt, holding part stationary during installation
- Fewer parts to handle
- For use with all tray widths and sizes
- Finishes __: EG, BLE

BLE suffix indicates black zinc finish for this part only



Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
WASHER SPL KIT_	Assembly of Staked Washer Stud/Washer & Finned Nut	100	4.5 (2.04)





Splicing Chart (number of splices required for UL Classification)

Tray Height		Tray Width - number of splices									
	2" (50mm)	4" (100mm)	6" (150mm)	8" (200mm)	12" (300mm)	16" (400mm)	18" (450mm)	20" (500mm)	24" (600mm)	>24" (>600mm)	
2"	NC	NC	3	3	3	4	4	4	4	5	
4"	NM	3	3	3	3	4	4	4	4	5	
6"	NM	NM	3	3	3	4	4	4	4	5	

NC = Not UL Classified in this size

NM = FLEXTRAY is not manufactured in this size

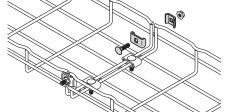
• Works with all splicing needs

- For use with all tray widths and sizes
- Components are sold separately
- Finishes __: **EG**, **BLE**, 304S, 316S









Splice Hardware Components

Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
FTHDWE 1/4	¹ /4" x 1" Carriage Bolt & Finned nut	50	2.4 (1.08)
TOP WASHER_	1" Square Splice Washer	100	2.8 (1.26)
BTM WASHER	1 ³ /16" Square Splice Washer	100	4.0 (1.82)







BTM WASHER

FTHDWE1/4

TOP WASHER

Splicing Chart (number of splices required for UL Classification)

Tray Height		Tray Width - number of splices										
	2"	4"	6"	8″	12"	16"	18"	20"	24"	>24"		
	(50mm)	(100mm)	(150mm)	(200mm)	(300mm)	(400mm)	(450mm)	(500mm)	(600mm)	(>600mm)		
2"	NC	NC	3	3	3	4	4	4	4	5		
4"	NM	3	3	3	3	4	4	4	4	5		
6"	NM	NM	3	3	3	4	4	4	4	5		

NC = Not UL Classified in this size

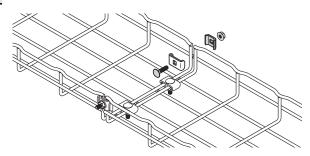
NM = FLEXTRAY is not manufactured in this size

Connecting Hardware

Part Number	Description	Qty./Box		/Box (kg)
FTSCH_	Connecting Hardware	50	2.0	(0.91)

- Adaptable and designed for use with splice plate (FTS3SP), SPLICE BAR, and long splice bar (FTS36SB).
- Finishes __: EG, BLE-BLO, 304S, 316S





Splicing Chart (number of splices required for UL Classification)

Tray Height				Tray V	Vidth - nu	mber of s	plices			
	2" (50mm)	4" (100mm)	6" (150mm)	8" (200mm)	12" (300mm)	16" (400mm)	18" (450mm)	20" (500mm)	24" (600mm)	>24" (>600mm)
2"	NC	NC	3	3	3	4	4	4	4	5
4"	NM	3	3	3	3	4	4	4	4	5
6"	NM	NM	3	3	3	4	4	4	4	5

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Wing Splice[™]

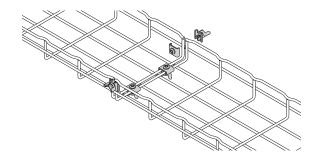
Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
FTSWN_	Wing Splice	50	3.0 (1.38)

- Two piece design for easy handling
- Tool-less installation
- Reduces installation time, especially when used on fittings and bends
- Finish__: ZN









Splicing Chart (number of splices required for UL Classification)

Tray Height	Tray Width - number of splices									
	2" (50mm)	4" (100mm)	6" (150mm)	8" (200mm)	12" (300mm)	16" (400mm)	18" (450mm)	20" (500mm)	24" (600mm)	>24" (>600mm)
2"	NC	NC	3	3	3	4	4	4	4	5
4"	NM	3	3	3	3	4	4	4	4	5
6"	NM	NM	3	3	3	4	4	4	4	5

NC = Not UL Classified in this size

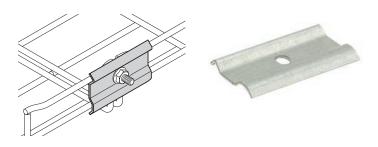
NM = FLEXTRAY is not manufactured in this size

Splice Plate (only)

Part	Description	Length	Height	Hole Diameter	Qty./	Wt./Box
Number		in. (mm)	in. (mm)	in. (mm)	Box	lbs. (kg)
FTS3SP	Splice Plate	2.7" (68.5)	1.6" (40.6)	0.27" (6.8)	50	6.1 (2.76)

- Splice plate is designed for use with connecting hardware (FTSCH) to provide added stability of splice connections
- Hardware sold separately
- Finish__: ZN, SS6
- Note: FT2x2x10 and FT2x4x10 are not UL Classified



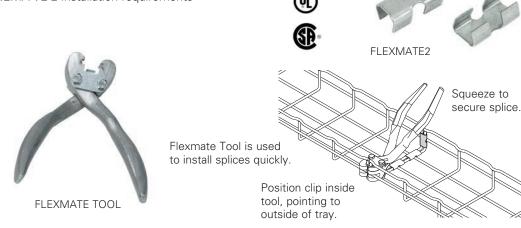


FLEXMATE™ Splice System

- Fastest splice connection method available in the industry
- For use with 4" (100mm) to 12" (300mm) wide tray
- FLEXMATE clips and tool sold separately
- Finishes __: GS, BLE

Note: Tray widths larger than 12" (300mm) are not UL Classified. We recommend that splice/supports comply with NEMA VE-2 installation requirements

Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
FLEXMATE2	Flexmate Splice Clips	100	1.0 (0.45)
FLEXMATE TOOL	Flexmate Splice Tool	1	0.7 (0.32)



Splicing Chart (number of splices required for UL Classification)

Tray Height	Tray Width - number of splices 2" 4" 6" 8" 12"					
	(50mm)	(100mm)	(150mm)	(200mm)	(300mm)	
2"	2	2	4	4	4	
4"	NM	4	5	6	6	
6"	NM	NM	NM	6	6	

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See page D-3 for finish and grounding information

Tab-Loc Connector

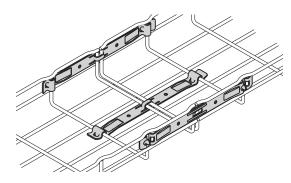
Part Number	Description	Length in. (mm)	Qty./Box	Wt./	Box (kg)
FTSTLC_	Tab-Loc Connectors	9.29" (235.9)	50	7.2	(3.26)



Application Requirements

The recommendations listed are equal for all depths (except as noted).

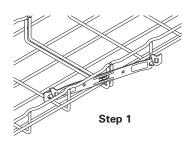
- Fast splice for straight runs of tray
- For use with 2" (50mm) to 32" (800mm) wide tray to connect straight sections only
- Finishes __: **ZN**, SS6

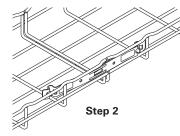


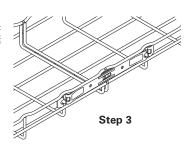
Splicing Chart (number of splices required for UL Classification)

Tray Height		Tray Width - number of splices							
	2" 4" 6" 8" 12" 16" (50mm) (100mm) (150mm) (200mm) (300mm) (400mm)					16"	18" (450mm)	20" (500mm)	24" (600mm)
2"	2	2	4	4	4	4	4	5	5
4"	NM	4	5	6	6	7	7	7	8
6"	NM	NM	NM	6	6	7	7	7	8

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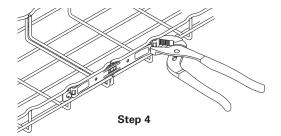






Tab-Loc security without special tools.

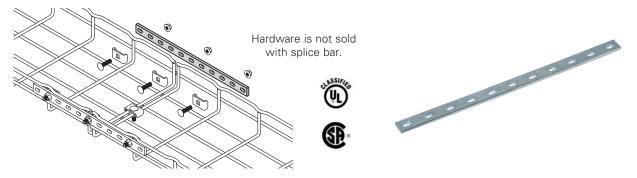
Screwdriver can also be used to bend tab-locs (hold connector ends while bending).



- Adds rigidity to washer splice methods
- Used on side rails only (not for use in tray bottom)
- For use on trays when using splice hardware FTSCH
- Hardware sold separately
- Finishes __: EG, BLE, HD, 304S, 316S

Splice Bar

Part Number	Bar Le	ength (mm)	Qty./Box	Wt.	/Box (kg)
SPLICE BAR_	10 ¹³ /16"	(274.6)	50	14.0	(6.35)



Each splice bar requires three (3) each of Hardware Splice Components - TOP WASHER, and FTHDWE ¹/₄ to complete connection. These items must be ordered separately.

Washer Splice Kits (WASHER SPL KIT) are required for connections on bottom of tray.

Splicing Chart (number of splices required for UL Classification)

Tray Height		Tray Width - number of splices							
	2" (50mm)	4" (100mm)	6" (150mm)	8" (200mm)	12" (300mm)	16" (400mm)	18" (450mm)	20" (500mm)	24" (600mm)
2"	NC	NC	2	2	2	2	2	2	2
4"	NM	2	2	2	2	2	2	2	2
6"	NM	NM	2	2	2	2	2	2	2

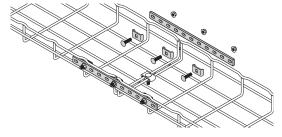
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Splice Bar Kit

- Adds rigidity
- Includes two (2) SPLICE BAR and hardware
- Finishes __: ZN, FB, SS6

Part Number	Bar L in.	ength (mm)	Qty./Box	Wt.	/Box (kg)
FTSBK	12"	(304.8)	5 Sets	6.4	(2.90)







Splicing Chart (number of splices required for UL Classification)

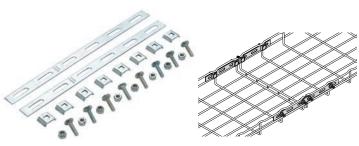
Tray Height		Tray Width - number of splices							
	2" (50mm)	4" (100mm)	6" (150mm)	8" (200mm)	12" (300mm)	16" (400mm)	18" (450mm)	20" (500mm)	24" (600mm)
2"	NC	NC	2	2	2	2	2	2	2
4"	NM	2	2	2	2	2	2	2	2
6"	NM	NM	2	2	2	2	2	2	2

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Expansion Splice Kit

	Part Number	Bar Length in. (mm)	Qty./Box	Wt.	/Box (kg)
Ī	FTS12ESK_	12" (304.8)	1 Kit	0.45	(0.20)



- Allows 13/4" (44mm) of expansion between two pieces of Flextray at expansion joints.
- To install, tighten nylon loc-nut until nut comes into contact with splice bar, then loosen approximately
 1/4 turn
- Includes two (2) splice bars and eight (8) sets of hardware
- Finishes __: ZN

Long Splice Bar (only)

Part Number	Bar Length in. (mm)	Qty./Box	Wt./Box lbs. (kg)
FTS12SB_	12" (304.8)	1	0.13 (0.06)
FTS36SB_	36" (914.4)	1	0.40 (0.18)

- FTS36SB long splice bar is used for assembly of large radius horizontal bends or field cut into short splice bars
- Splice Bars are designed for use with connecting hardware (FTSCH)
- Hardware sold separately
- Finishes __: ZN, FB, SS6





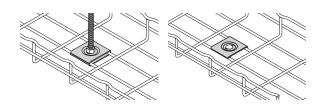
Hold Down Plate

Part Number	Description	Qty./Box	Wt./Box lbs. kg	
SUPT WASHER_	.28" x .70" (7.1mm x 17.8mm)	100	9.4 (4.26)	
FTA6HD	.40" x .70" (10.1mm x 17.8mm)	100	7.0 (3.17)	





- Easy way to mount 4" (100mm) wide tray for raceway run.
- Use ¹/₄" screws to attach SUPT WASHER to your specific wall/stud application (hardware sold separately).
- FTA6HD can be used in pairs to create a center-hung support using ³/8" rod.
- To protect cables use threaded rod protector (page D-21).
- To complete 3/8" center hanger assembly use:
 - 2 FTA6HD
 - 2 HN ³/8"-16 hex nuts
- Finish: ZN, SS6

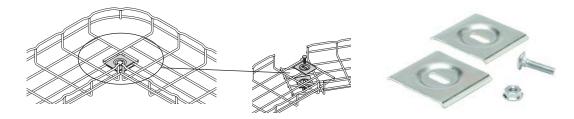


See page D-3 for finish and grounding information

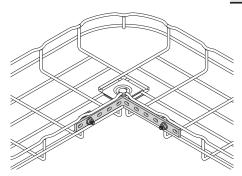
- Horizontal adjustable kit can be used to create horizontal angles from prepared FLEXTRAY straight sections
- Conveniently poly-bagged
- Finishes __: **EG**, BLE, 316S

Horizontal Adjustable Kit

Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
FTSHAK	Horizontal Adjustable Kit	10	2.4 (1.09)



- For fast assembly of 90° turns and tee fittings
- For use with all tray widths and sizes
- One kit will make two 90° turns or one tee fitting
- 90 DEGREE KIT includes: two (2) 90° splice bars and eight (8) FTSCH
- Finishes __: **EG**, BLE, 316S



90 Degree Kit

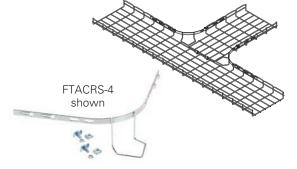
Part Description Number		Qty./Box	Wt./Box lbs. (kg)
90 DEGREE KIT	90 degree splice bar & hardware	1	1.3 (0.59)

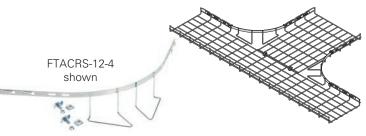


- Helps eliminate need for field fabrication and is quick to install
- Built in tab features for positioning onto side rails at transition locations
- For fast assembly of a 90° bend, tee, and cross fittings
- One kit will make one 90° bend, two kits will make one tee, and four kits will make one cross fitting
- Kit includes: one (1) corner radius and two (2) WASHER SPL KIT
- Finishes __: **EG**, BLE, 316S

Corner Radius Kit

Part Number	Height in. (mm)	Radius in. (mm)	Qty. per Box	Wt./Box lbs. (kg)	
FTACRS-2	2" (50.8)	6" (152.4)	1	1.3 (0.59)	
FTACRS-4	4" (101.6)	6" (152.4)	1	1.3 (0.59)	
FTACRS-6	6" (152.4)	6" (152.4)	1	1.3 (0.59)	
FTACRS-12-2	2" (50.8)	12" (304.8)	1	1.3 (0.59)	
FTACRS-12-4	4" (101.6)	12" (304.8)	1	1.3 (0.59)	
FTACRS-12-6	6" (152.4)	12" (304.8)	1	1.3 (0.59)	





See page D-3 for finish and grounding information

Components Required to Connect Two Sections of FLEXTRAY

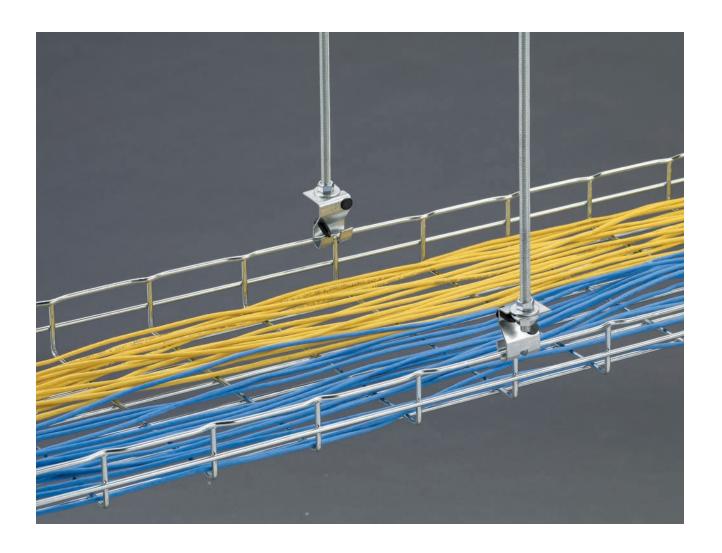
	Splice Bar SPLICE BAR	Splice Plate FTS3SP	Connecting Hardware FTSCH	Assembly	tem dth (mm)	Ŵi	System Part Number
(*) 4 for 4" Deep FLEXTRAY 6 for 6" Deep FLEXTRAY	636660000000000000000000000000000000000			P. D.			
Washer Splice Ki	-	-	-	2	(50)	2"	FT2X2 †
Washer Ophice Ki	-	-	-	2	(100)	4"	FT2X4 [†]
	-	-	-	3 ¹	(150)	6"	FT2X6
	-	-	-	3 ¹	(200)	8"	FT2X8
	-	-	-	3 ¹	(300)	12"	FT2X12
	-	-	-	41	(400)		FT2X16
	-	-	-	411	(450)	18"	FT2X18
	-	-	-	41	(500)		FT2X20
	-	-	-	4 ¹	(600)	24"	FT2X24
	-	-	-	5 ¹	(750)	30"	FT2X30
	-	-	-	5¹ 3¹	(800)	32" 4"	FT2X32 FT4X4
	-	-	-	31	100 150	4 6"	FT4X4 FT4X6
	-	-	-	3 ¹		8"	
	-	-	-	3¹	200 300	12"	FT4X8 FT(*)X12
W		_	-	4 ¹	400	16"	FT(*)X12 FT(*)X16
Install one kit on each side and remaining kit(s)	-			4 ¹	(450)	18"	FT(*)X16 FT(*)X18
on bottom.	-	-	-	4¹	500	20"	FT(*)X10
	-			4 4¹	600	24"	FT(*)X24
	_	-	_	5 ¹	(750)	30"	FT(*)X30
Splice Plat	-	2	2	-	(50)	2"	FT2X2 †
•	-	2	2	-	(100)	4"	FT2X4 †
	-	2	2	1	(150)	6"	FT2X6
	-	2	2	1	(200)	8"	FT2X8
	-	2	2	1	(300)		FT2X12
	-	2	2	2	(400)	16"	FT2X16
	-	2	2	2	(450)	18"	FT2X18
	-	2	2	2 2	(500)	20" 24"	FT2X20 FT2X24
	-	2	2	3	(600) (750)		FT2X24
	-	2	2	3	(800)	32"	FT2X32
	-	2	2	1	(100)	4"	FT4X4
	_	2	2	1	(150)	6"	FT4X6
	_	2	2	1	(200)	8"	FT4X8
	-	2	2	1	(300)		FT(*)X12
	_	2	2	2	(400)	16"	FT(*)X16
Install splice plates on sides and	-	2	2	2	(450)	18"	FT(*)X18
WASHER SPL KIT on bottom.	-	2	2	2	(500)		FT(*)X20
	_	2	2	2	(600)	24"	FT(*)X24
	-	2	2	3	(750)		FT(*)X30
0 ! 0	2		6		(50)	2"	FT2X2 †
Splice Ba	2	-	6	-	(100)	4"	FT2X4 †
\(\sigma\) \(\sigma\) \(\sigma\)	2	-	6	1	(150)	6"	FT2X6
S	2	_	6	1	(200)	8"	FT2X8
	2	_	6	1	(300)	12"	FT2X12
	2	-	6	2	(400)		FT2X16
	2	_	6	2	(450)	18"	FT2X18
	2	-	6	2	(500)		FT2X20
	2	-	6	2	(600)		FT2X24
	2	-	6	3	(750)		FT2X30
	2	-	6	3	800	32"	FT2X32
	2	-	6	1	(100)	4"	FT4X4
	2	-	6	1	(150)	6"	FT4X6
	2	-	6	1	(200)	8"	FT4X8
Install splice bars on sides and	2	-	6	1	(300)		FT(*)X12
WASHER SPL KIT on bottom.	2	-	6	2	(400)		FT(*)X16
	2	-	6	2	(450)		FT(*)X18
	2	-	6	2	(500)		FT(*)X20
	2	-	6	2	(600)	24"	FT(*)X24
	2	_	6	3	(750)	00"	FT(*)X30

Splice Plate Kits for 2" Deep FLEXTRAY

Part Number	-	tem dth (mm)	Wei Per lbs.	_	Box Quantity	Conveniently poly-bagged for use with 2" Deep FLEXTRAY
FTS20SK	2" 4"	(50) (100)	2.91	(1.32)	10	
FTS21SK	6" 8" 12"	(150) (200) (300)	3.63	(1.64)	10	
FTS22SK	16" 18" 20" 24"	(400) (450) (500) (600)	4.35	(1.97)	10	ado fil ado Ado
FTS23SK	30" 32"	(750) (800)	5.07	(2.30)	10	

Splice Plate Kits for 4" & 6" Deep FLEXTRAY

Part Number	System Width in. (mm)	Weight Per 100 lbs. (kg)	Box Quantity	Conveniently poly-bagged for use with 4" & 6" Deep FLEXTRAY
FTS21SK	4" (100) 6" (150) 8" (200) 12" (300)	3.63 (1.64)	10	
FTS22SK	16" (400) 18" (450) 20" (500) 24" (600)	4.35 (1.97)	10	
FTS23SK	30" (750)	5.07 (2.30)	10	

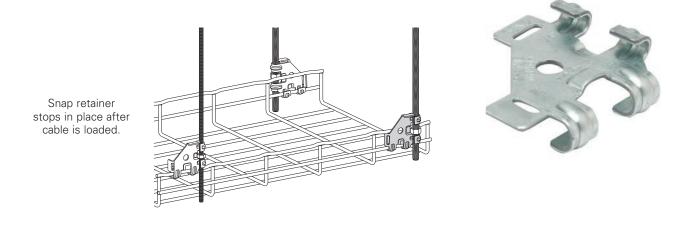




Flip Clip™

- Accommodates 1/4" and 3/8" rod sizes
- Installs quickly with a screwdriver or pliers thus reducing installation time
- Requires only one hex nut (not included) to hang and level the FLEXTRAY
- Retainer tabs can be bent over to lock-in the threaded rod and wire basket
- Finishes __: ZN, FB, SS6

Part Number	Description	Qty./Box	Wt./Box lbs. (kg)	
WB46H	Flip Clip	50	5.2 (2.36)	

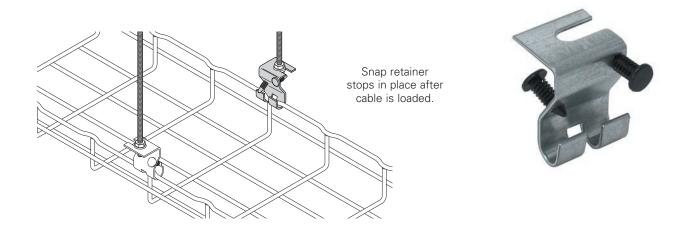


• Trapeze Clip installs fast

- For use with trays up to 4" (100mm) deep, 12" (300mm) wide, and spans up to 8'-0" (2.44m)
- Tray can be released from support to allow side cable loading
- Accepts 1/4" and 3/8" threaded rod sizes
- Finishes __: GS, BLE

Part Number	Description	Qty./Box	Wt./Box Ibs. (kg)
TRAPEZE SUPT2_	Trapeze Support Clip	50 trapeze clips 100 retainer stops	7.0 (3.17)

Trapeze Support

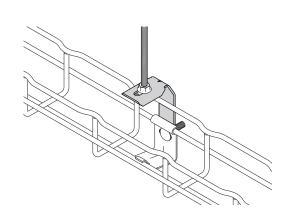


2" Center Hanger

Part Number	Description	Qty./Box	Wt./Box lbs. (kg)	
2 IN CTR SUPT_	Center Support Hanger for FT2x2	50	5.0 (2.27)	

- For use with 2" (50mm) tray widths only
- Accepts 1/4" threaded rod
- Hardware sold separately
- Finishes __: GS, BLE
- Assemble with ATTACHMENT CLP & FTHDWE 1/4 hardware





Hold Down Plate

Part Number	Description	Qty./Box	Wt./Box lbs. (kg)	
SUPT WASHER_	.28" x .70" (7.1mm x 17.8mm)	100	9.4 (4.26)	
FTA6HD	.40" x .70" (10.1mm x 17.8mm)	100	7.0 (3.18)	

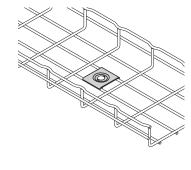
- Easy way to mount 4" (100mm) wide tray for raceway run.
- Use ¹/₄" screws to attach SUPT WASHER to your specific wall/stud application (hardware sold separately).
 - FTA6HD can be used in pairs to create a center-hung support using 3/8" rod.
 - To protect cables use threaded rod protector (page D-20).
 - To complete ³/₈" center hanger assembly use:
 2 FTA6HD
 - 2 FIAORD 2 - HN ³/8"-16 hex nuts
 - Finish: ZN, SS6

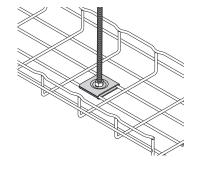


SUPT WASHER



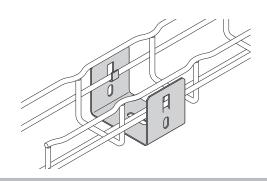
FTA6HD

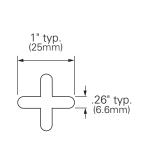




- Designed to support FT2X2X10 Flextray
- Click tabs for FLEXTRAY attachment
- Use 1/4" hardware and washer (not included) to mount bracket
- Finishes __: SS6

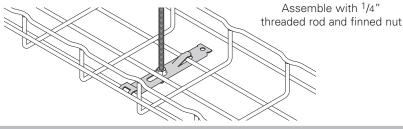
Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
FTB2UB_	Light Duty Wall/Rack Bracket	10	2.1 (0.95)







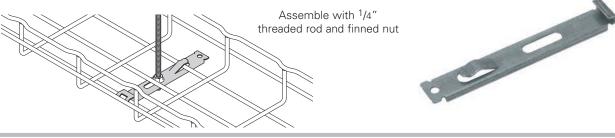
- Use for light duty cabling applications
- For use with 11/2" (38mm) & 2" (51mm) deep tray with 4" (100mm) and 6" (150mm) widths
- When hanging 4" (100mm) wide tray, center hung clip must be run parallel with the tray
- Built-in hold down tab
- Accepts 1/4" threaded rod
- Threaded rod and nuts sold separately
- Finishes __: GS, BLE



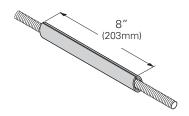


Mounting Bracket

Part Number	Description	Qty./Box	Wt./Box lbs. (kg)	
CTR HUNG CLP_	Light Duty Center Hanger	50	4.0 (1.81)	



- Use to protect cables from 1/4" to 1/2" threaded rod
- PVC UL94V-O material
- Color: Gray
- Not plenum rated





Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
SB301-1/2x8	Rod Protector	1	0.03 (0.013)



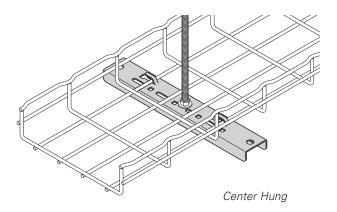
FLEXTRAY™ Wire Basket - Ceiling Support Methods

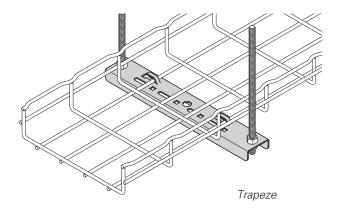
Center Trapeze Hanger

Part Number	Maximum in.	Tray Width (mm)	Actual in.	Length (mm)	Wt.	/Pc. (kg)
FTB06CT	6"	(150)	9.78"	(248)	0.61	(0.27)
FTB08CT	8"	(200)	11.75"	(298)	0.74	(0.33)
FTB12CT	12"	(300)	15.69"	(398)	0.98	(0.44)
FTB16CT	16"	(400)	19.63"	(498)	1.61	(0.73)
FTB18CT	18"	(450)	21.59"	(548)	1.77	(0.80)
FTB20CT	20"	(500)	23.56"	(598)	1.93	(0.87)
FTB24CT	24"	(600)	27.50"	(698)	2.25	(1.02)

- Can be installed as center-hung or traditional trapeze hanger
- · Multiple options to secure FLEXTRAY to hanger
 - Built in hold down tabs (use screwdriver to bend down tab)
 - Compatible with TOOLLESS CLIP with snap-in locking pin
 - Compatible with WBUHD hold down clip when tray crosswire is aligned over top of hanger
 - Slots and holes for optional hardware attachment
- Corrosion resistant pre-galvanized zinc finish (other finishes available upon request)
- Center hole for up to ¹/₂" rod
- Hole on each end for up to ³/8" rod
- Threaded rod protector available (SB301-1/2 x 8) see page D-20
- When 1/2" trapeze rods are required, add -1/2 to end of part number when ordering







KwikWire Clamps & Wire Rope

- KwikWire™ system replaces jack chain or ATR to support lighting, ductwork, and Flextray.
- Can be guickly installed around beams No drilling required.
- Ideal for sloped ceilings can hang objects at up to 60° angles.
- Simple height adjustments are made by releasing locking tab, no tools required.
- Spools of wire can be cut to length in field, reducing waste and up front planning.

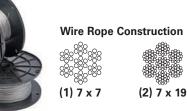
Part No.	Clamps - For Use With Wire Rope Diameters	Box Qty.
BKC100	¹ / ₁₆ " (1.6mm) & ³ / ₃₂ " (2.3mm)	100
BKC200-1	¹ / ₈ " (3.2mm) & ³ / ₁₆ " (4.7mm)	50

Part No.	Rope Dia.		Workir	Working Load	
	in.	(mm)	Lbs.	(kg)	
BKW063 ¹¹	1/16"	(1.6)	96	(43.5)	500 ft.
BKW094 ⁽¹⁾	3/32"	(2.3)	184	(83.4)	500 ft.
BKW125 ⁽¹⁾	1/8"	(3.2)	340	(154.2)	500 ft.
BKW188 (2)	3/16"	(4.8)	840	(381.0)	250 ft.









KwikWire Clamp Working Loads*

Clamp Part No.	Wire Rope Dia.	Lbs. Safety Factor 4
BKC100	1/16"	0-75
BKC100	3/32"	25-150
BKC200-1	1/8"	25-250
BKC200-1	3/16"	50-500

Working loads shown are for hanging vertically. For suspending at 15°, 30°, 45° or 60° angles from vertical, use the following percentage of the working loads from the chart:

15°	= 96%
30°	= 86%
45°	= 70%
60°	= 50%

Cutter Part No.	Box Qty.
ВКСС	1



- KwikPak™ includes a supply of kwik-clamps and a spool of wire rope.
- KwikPak are shipped in a specially designed dispenser box to ease field cutting of wire.

Part No.	For Use With Wire Rope Diameters	Box Qty.
BKP10063	BKC100 (100 pcs.) 1/16"Ø Wire Rope (500 ft.)	1
BKP10094	BKC100 (100 pcs.) ³ / ₃₂ "Ø Wire Rope (500 ft.)	1
BKP20125	BKC200-1 (50 pcs.) 1/8"Ø Wire Rope (500 ft.)	1
BKP20188	BKC200-1 (50 pcs.) 3/16"Ø Wire Rope (250 ft.)	1

KwikPak Wire Rope & Clamps



KwikWire[™] Accessory Features

- Helps reduce on the job installation time
- Can be installed quickly without drilling into existing structure
- Increases versatility in the field
- KwikWire accessory system helps reduce inventory and shipping costs
- No more sawing, filing, or fixing nuts
- Designed for use with cable tray, lighting, and HVAC
- · Eliminates the need for all threaded rod
- Cost effective solution for jack chain
- "Y" style accessories require 50% less drilling





KwikWire Accessory Numbering System

Product Line

BK =

KwikWire

Assembly Configuration

Blank = Single Leg

Y = 2 Legs

3 - 3 Legs

Leg **Termination**

A = AngleBracket w/Pin

H = Hook

L = Loop

T = Toggle

W = Fuse Cut

 $B25 = Bolt w / \frac{1}{4}$ "-20 Thread

 $B38 = Bolt w/ \frac{3}{8}"-16 Thread$

BM6 = Bolt w/ M6 Thread

BM8 = Bolt w/ M8 Thread

BM10 = Bolt w/ M10 Thread

Leg Length

Blank = See Straight Length

18 = 18" Leg

30 = 30'' Leg

Straight

 $063 = \frac{1}{16}$ "

Wire Rope

Diameter

 $094 = \frac{3}{32}$ "

Length

Blank = Loop w/ Plastic Tube

18 = 18"

30 = 30"

40 = 40"

80 = 80"

120 = 120"

180 = 180"

240 = 240"

360 = 360"

Assembly or Kit

Blank = Assembly Only

K = Kit(Assembly & BKC100 Clamp)

Examples

BKYT18-094-120K

















KwikWire Accessory

2 legs - toggle leg termination - 18" legs - 1/16" diameter wire - 120" straight length - kit with clamp

BKL-063-120K





063 -





KwikWire Accessory

single leg - looped leg termination - 1/16" diameter wire - 120" straight length - kit with clamp

KwikWire[™] 'Y' Style Hook Termination

	Leg Length	Wire Rope Dia.	Length
Part No.	in. (mm)	in. (mm)	in. (mm)
BKYH18-094-40	18" (457)	3/32" (2.3)	40" (1016)
BKYH18-094-80	18" (457)	³ /32" (2.3)	80" (2032)
BKYH18-094-120	18" (457)	3/32" (2.3)	120" (3048)
BKYH18-094-180	18" (457)	3/32" (2.3)	180" (4572)
BKYH18-094-240	18" (457)	³ / ₃₂ " (2.3)	240" (6096)
BKYH18-094-360	18" (457)	³ / ₃₂ " (2.3)	360" (9144)
BKYH30-094-40	30" (762)	3/32" (2.3)	40" (1016)
BKYH30-094-80	30" 762)	³ / ₃₂ " (2.3)	80" (2032)
BKYH30-094-120	30" (762)	³ / ₃₂ " (2.3)	120" (3048)
BKYH30-094-180	30" (762)	3/32" (2.3)	180" (4572)
BKYH30-094-240	30" (762)	3/32" (2.3)	240" (6096)
BKYH30-094-360	30" (762)	³ / ₃₂ " (2.3)	360" (9144)





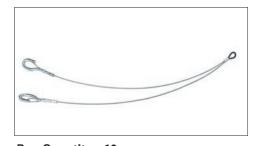
Box Quantity - 105 bags containing 2 pieces per bag

KwikWire[™] 'Y' Style Hook Termination With Loop

	Wire Rope Dia.		Lei	ngth
Part No.	in.	(mm)	in.	(mm)
BKYH18-094	3/32"	(2.3)	18"	(457)
BKYH30-094	3/32"	(2.3)	30"	(762)

- Hook designed for up to 3/8" diameter wire.
- Available as a wire rope with hook termination only or as a ready-to-use kit with a BKC100 clamp.
- Available in lengths of 40", 80", 120", 180", 240", and 360".
- Available in single, double (Y), and triple (3) leg styles





Box Quantity - 105 bags containing 2 pieces per bag



For more information on KwikWire accessories see the KwikWire catalog.

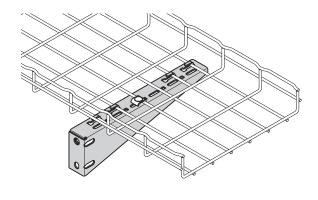






Shelf Brackets

- Heavy-duty support bracket
- For use with 6" (150mm) to 24" (600mm) wide trays
- Built-in tab for hold down
- Optional hardware (FTSCH) sold separately
- Finishes __: GLV, HDG, SS6



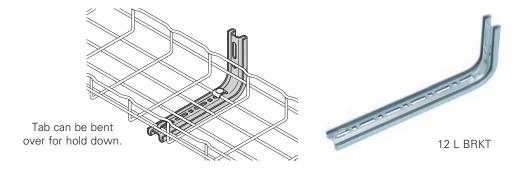
Part Number	Use With I	Tray Width (mm)	Qty./Box		/Pc. (kg)
FTB06CS_	6"	(150)	1	0.5	(0.22)
FTB08CS_	8"	(200)	1	0.6	(0.27)
FTB12CS_	12"	(300)	1	1.2	(0.54)
FTB16CS	16"	(400)	1	1.7	(0.77)
FTB18CS	18"	(450)	1	1.9	(0.86)
FTB20CS	20"	(500)	1	2.6	(1.18)
FTB24CS	24"	(600)	1	3.2	(1.45)



L Brackets

- Installs tray to wall cleanly
- Built-in tab for hold down (not available in stainless steel)
- For use with 4" (100mm) to 24" (600mm) wide trays
- Use with pedestal clamp in raised floor applications
- Optional hardware (FTSCH) sold separately
- Finishes __: **EG**, HD, BLE, 316S

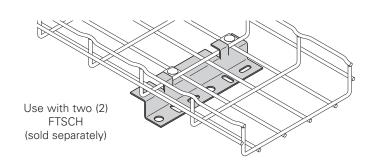
Part Number	Use With in.	Tray Width (mm)	Qty./Box	Wt./Pc. lbs. (kg)
4 L BRKT	4"	(150)	1	0.6 (0.27)
8 L BRKT	6" 8"	(150) (200)	1	0.8 (0.36)
12 L BRKT	12"	(300)	1	1.3 (0.59)
16 L BRKT	16"	(400)	1	1.4 (0.63)
20 L BRKT	18" 20"	(450) (500)(1	2.0 0.91)
24 L BRKT	24"	(600)	1	2.3 (1.04)



See page D-3 for finish information

- Used for horizontal and/or vertical mounting
- 8" (200mm) wide bracket for use with 4" (100mm) to 32" (800mm) wide trays
- Can be used to offset trays from floor
- Can be used to terminate tray run at wall
- Multiple brackets can be used for wider tray widths
- Finishes __: GS, BLE





Hold Down Plate

Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
SUPT WASHER_	.28" x .70" (7.1mm x 17.8mm)	50	4.7 (2.13)
FTA6HD	.40" x .70" (10.1mm x 17.8mm)	50	3.5 (1.59)

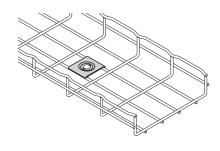
- Easy way to mount 4" (100mm) wide tray for raceway run.
- Use 1/4" screws to attach SUPT WASHER to your specific wall/stud application (hardware sold separately).
- FTA6HD can be used in pairs to create a center-hung support using 3/8" rod.
- To protect cables use threaded rod protector (page D-20).
- To complete 3/8" center hanger assembly use:
 - 2 FTA6HD
 - 2 HN ³/8"-16 hex nuts
- Finish: ZN, SS6

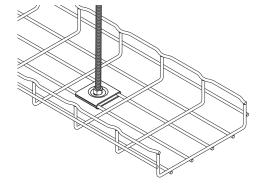


SUPT WASHER



FTA6HD

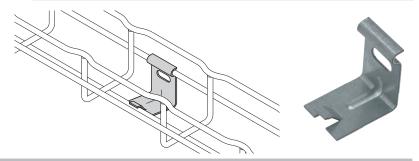




Wall attachment for 2" (50mm) wide tray only (FT2X2X10)

- Low-profile appearance
- Built-in tab to hold down tray
- Can also be used with 2" (50mm) Center Hanger (see page D-19)
- Hardware sold separately
- Finishes __: GS, BLE

Part Number	Description	Qty./Box	Wt.	/Box (kg)
ATTACHMENT CLP_	Support for FT2x2x10	50	3.4	(1.54)



Mounting Bracket

Attachment Clips

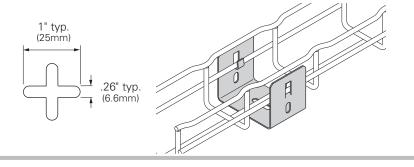
- Designed to support FT2X2X10 FLEXTRAY
- Click tabs for FLEXTRAY attachment
- Use ¹/₄" hardware and washer (not included) to mount bracket
- Finishes __: **SS6**

Part Number	Description	Qty./Box	Wt.	/Box (kg)
FTB2UB_	Light Duty Wall/Rack Bracket	10	2.1	(0.95)

Description

Wall Support

Bracket





Wall Supports

Qty./Box

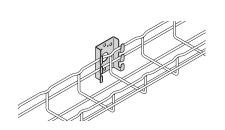
Wt./Box

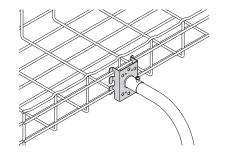
0.8 (0.36)

(kg)

lbs.

- Used to attach 2" (50mm) or 4" (100mm) wide trays to walls, struts or cabinets
- Use for raceway mounting
- Mount to metal framing for vertical support
- Tabs are built in for tray hold down
- Mount to side rail for electrical box connection
- Finishes __: GLV





Part

Number

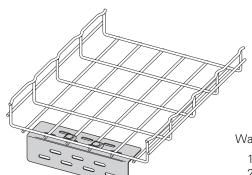
FTA050CC_



See page D-3 for finish information

- Kit includes all hardware necessary to support FLEXTRAY when terminated at a wall
- Mount slotted angle to wall with up to 3/8" hardware (not included)
- Finishes __: ZN, FB, SS6





Wall Termination Kit includes:

- 1 Angle with Slots
- 2 FTSCH

Wall Mount Kit

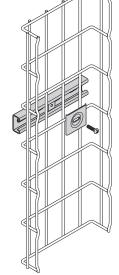
Part Number	Length in. (mm)	Qty./Box	Wt.	'Box (kg)
WB48WMK	8" (203.2)	1	0.76	(0.35)
WB1224WMK	12" (304.8)	1	1.22	(0.55)

- Kit includes all components necessary to mount FLEXTRAY to a wall horizontally or vertically
- Mount strut to wall with up to 1/2" hardware (not included)
- Finish: Channel GLV Hardware - ZN Available in SS6

WB48WMK WB1224WMK

Wall Mount Kit includes:

WB1224WMK shown

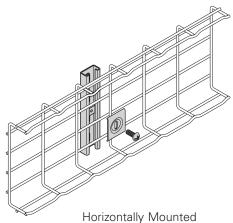


Vertically Mounted

1

1

B54SH Strut 2 SUPT WASHER Hold Downs 2 1/4"-20 x 1" Slotted Head Screw N224WO Channel Nut

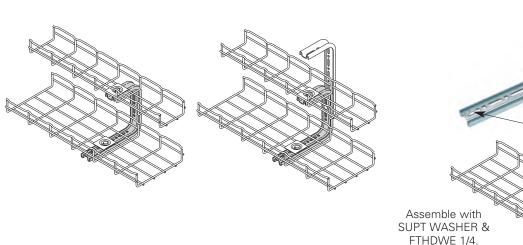


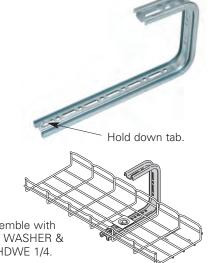
See page D-3 for finish information

C Brackets

- Tab can be used for hold down (stainless steel will not have these tabs)
- For use with 4" (100mm) to 12" (300mm) wide trays
- C bracket attaches to hard ceiling types
- All brackets are 77/8" (200mm) tall
- Cables can be side loaded
- L brackets (page D-26) and C brackets can be combined for layered tray runs
- Finishes __: EG, BLE, HD

Part Number	Tray Wic	Ith - Up To (mm)	Qty./Box	Wt./ lbs.	Box (kg)
4 C BRKT_	4"	(100)	1	1.2	(0.54)
8 C BRKT_	8"	(200)	1	1.4	(0.63)
12 C BRKT	12"	(300)	1	1.9	(0.86)

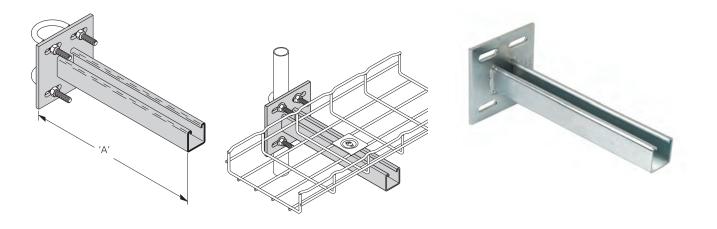




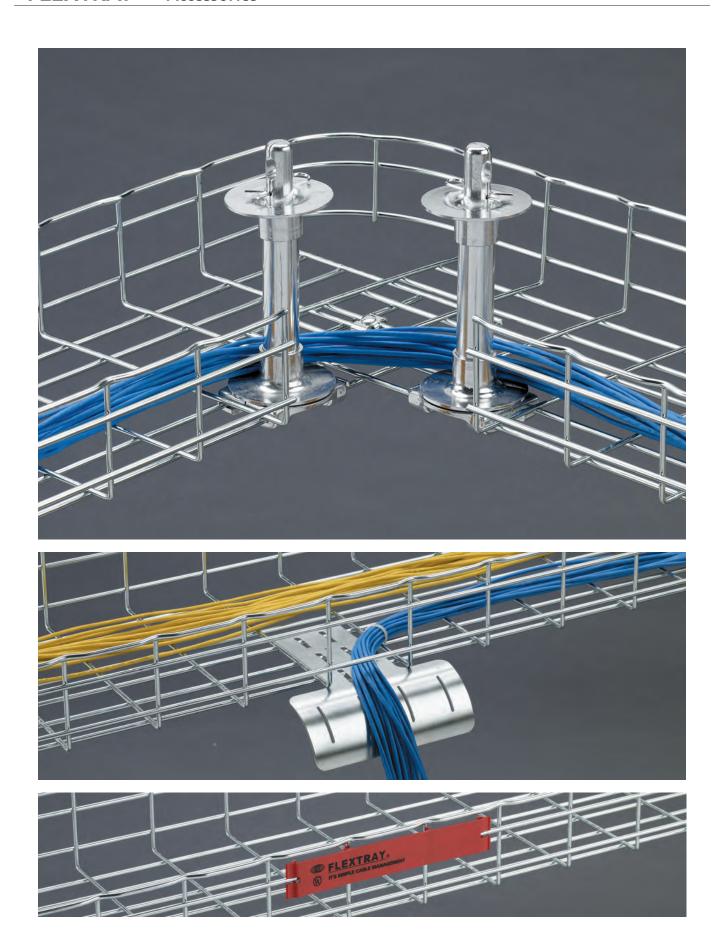
- Under floor support bracket provides rugged support for FLEXTRAY System from access floor post.
- To complete the installation, the following hardware must be ordered separately.
 - (2) B501 U-Bolts
 - (1) SUPT WASHER Hold Down
 - (1) $^{1}/_{4}$ "-20 x 1" Slotted Head Screw
 - (1) N224WO Channel Nut
- Finish: **ZN**

Under Floor Support Bracket

Part	',	A′	Вох	Wt. Per Each
Number	in.	(mm)	Quantity	lbs. (kg)
B409UF-12	12"	(300)	1	3.6 (1.63)
B409UF-18	18"	(450)	1	4.5 (2.04)
B409UF-21	21"	(533)	1	5.4 (2.45)



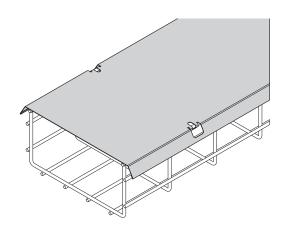
See page D-3 for finish information



Covers

• Protects cable from debris and dust

- Adds security to cable installation
- Easy bend-over tabs secure cover to trays
- Available for 2" (50mm) to 24" (600mm) wide trays
- Comes in 118" (2997mm) length
- Finishes __: **GS,** BLE, 304S, 316S



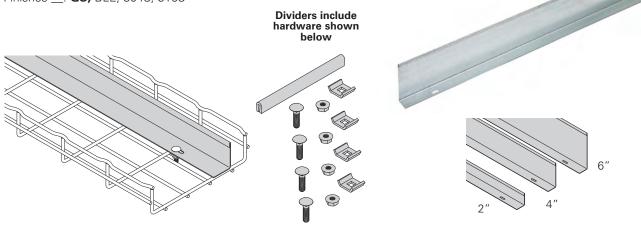
Part Number	For Tray in.	Width Of (mm)	Qty./Box	Wt./l	Box (kg)
2 IN COVER_	2"	(50)	1	3.8	(1.72)
4 IN COVER_	4"	(100)	1	5.7	(2.58)
6 IN COVER_	6"	(150)	1	6.7	(3.04)
8 IN COVER_	8"	(200)	1	8.7	(3.94)
12 IN COVER_	12"	(300)	1	11.6	(5.26)
16 IN COVER_	16"	(400)	1	15.6	(7.07)
18 IN COVER_	18"	(450)	1	17.0	(7.71)
20 IN COVER_	20"	(500)	1	18.5	(8.39)
24 IN COVER_	24"	(600)	1	22.0	(9.98)



- Allows cable separation within a single tray
- Hemmed/rounded edge provides cable jacket safety
- Hardware included
- Field miter for bends and turns
- Dual slots every 24" (609mm) for field cutting
- Available in 2" (50mm), 4" (100mm) and 6" (150mm) heights
- Comes in 118.125" (3000mm) length
- Finishes __: **GS,** BLE, 304S, 316S

Dividers

Part Number	For Tray Depth Of in. (mm)	Qty./Box	Wt./Box lbs. (kg)
2 IN DIVIDER_	2" (50)	1	3.5 (1.59)
4 IN DIVIDER _	4" (100)	1	9.6 (4.35)
6 IN DIVIDER	6" (150)	1	14.5 (6.58)



See page D-3 for finish information

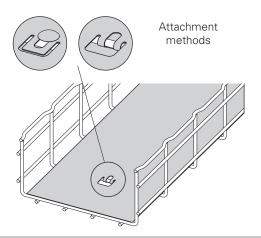
Solid Bottom Inserts

Part Number	For Tray	Width Of	Qty./Box	Wt./ lbs.	Box kg
INSERT 4X118	4"	(100)	1	6.8	(3.08)
INSERT 6X118_	6"	(150)	1	9.8	(4.44)
INSERT 8X118	8"	(200)	1	13.3	(6.03)
INSERT 12X118	12"	(300)	1	21.6	(9.80)
INSERT 16X118	16"	(400)	1	26.4	(11.97)
INSERT 18X118	18"	(450)	1	32.4	(14.69)
INSERT 20X118	20"	(500)	1	32.9	(14.92)
INSERT 24X118	24"	(600)	1	39.3	(17.82)

Attach with FTHDWE 1/4 & Top Washer



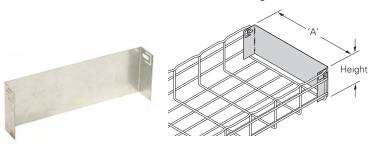
- Continuous support for sensitive cables
- Security of cable in high-traffic areas
- Hardware included
- Available for 4" (100mm) to 24" (600mm) wide trays
- Comes in 118" (2997mm) length
- Finishes __: **GS,** BLE, 304S, 316S



Blind Ends

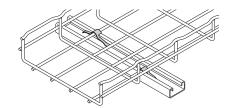
Part Number	'A' in. (mm)	Height in. (mm)	Box Quantity
FT BE 2X2	2" (50)	2" (50)	1
FT BE (*)X4	4" (100)	(*) (*)	1
FT BE (*)X6	6" (150)	(*) (*)	1
FT BE (**)X8	8" (200)	(*) (*)	1
FT BE (**)X12	12" (300)	(**) (**)	1
FT BE (**)X16	16" (400)	(**) (**)	1
FT BE (**)X18	18" (450)	(**) (**)	1
FT BE (**)X20	20" (500)	(**) (**)	1
FT BE (**)X24	24" (600)	(**) (**)	1

- Tab features eliminate need for hardware
- Forms a closure for a dead-end FLEXTRAY
- Hardware included
- Finish: GLV, SS6
- (*) Insert: 2 = 2" (50 mm), 4 = 4" (100 mm) for height
- (**) Insert: 2 = 2" (50 mm), 4 = 4" (100 mm),
 - 6 = 6" (150 mm) for height



Strut Mounting Clip

Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
BW4	Strut Mounting Clip	100	0.9 (0.41)

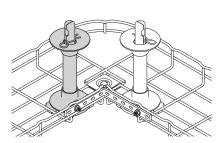


- Use to secure FLEXTRAY to horizontal strut support
- Designed for use as shown in drawing (no load rating)
- Finish: Black Zinc Phosphate



FLEXTRAY

- Protects and maintains recommended cable radii for Cat 5, Cat 5E, Cat 6, Cat 6A, Fiber, etc.
- Height of roller can be adjusted to tray depth
- Installs in seconds with no tools
- Reduces cable installation time
- Prevents migration of cables
- For use with 4" (100mm) to 32" (800mm) tray widths
- Finish: Cast Aluminum



Quick, snap-together design

Cable Roller

Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
CABLE ROLLER	Cable Roller	1	1.0 (0.45)





• Securely holds tray to support Toolless Clip

- Snap-in locking pin
- No tools or fastening required
- Fastest hold-down method available
- For use with the following:

FTB_CS (see pg. D-26) L BRKT (see pg. D-26) C BRKT (see pg. D-30)

• Finish: Plenum rated resin (black)



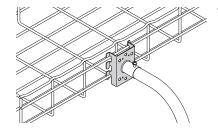
Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
TOOLLESS CLIP	Toolless Hold-Down Clip	50	1.0 (0.45)





Conduit Connector

- Conduit connector is designed to connect conduit to the side or bottom of FLEXTRAY
- Conduit bushing will remain outside of tray to keep cable pathway clear
- Bend tabs to secure connector to tray
- No hardware included
- Finishes __: GLV



Part Number	Conduit Size in. (mm)	Qty./Box	Wt./Box lbs. (kg)
FTA050CC	¹ /2" (15)	10	2.0 (0.91)
FTA075CC	3/4" (20)	10	2.0 (0.91)
FTA100CC	1" (25)	10	2.0 (0.91)
FTA125CC	1 ¹ /4" (32)	10	2.0 (0.91)

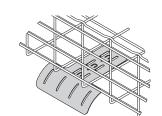


See page D-3 for finish information

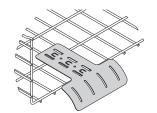
Drop Out Fitting

Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
DROP OUT_	Drop Out Fitting	50	15.0 (6.8)





- Keeps cable radius secure at drop point
- Retention tabs to secure positioning
- For use with 4" (100mm) to 32" (800mm) wide trays
- Attaches to tray without hardware
- Drop outs can be attached at bottom, side or ends of tray
- Retention tabs on bottom of drop out to secure positioning
- Finishes __: **EG**, BLE, SS6

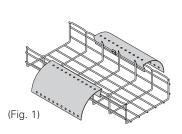


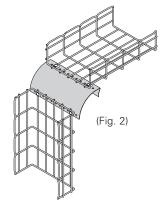
Side Drop Out Fitting

Part Number	Width in. (mm)	Qty./Box	Wt./Box lbs. (kg)
FTA6SDO	6.0 (152.4)	10	7.17 (3.2)
FTA8SDO	8.0 (203.2)	10	9.57 (4.3)
FTA12SDO	12.0 (304.8)	10	14.35 (6.5)

- Keeps cable radius secure at drop point
- For use with 4" (100mm) to 32" (800mm) wide trays (Fig. 1)
- For use with 6" (152mm) to 12" (300mm) wide trays (Fig. 2)
- Drop outs can be attached at side or ends of tray as shown
- Finishes __: EG, BLE, SS6





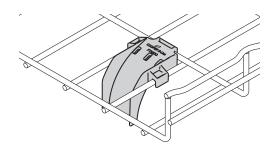


Cable Drop Out

Part Number	Description	Qty./Box	Wt.	/Box (kg)
FTA2DO	Cable Drop Out	10	0.17	(0.08)

- Non-metallic 2" (50mm) radius Cable Drop-Out snap locks into mesh bottom and protects cables from sharp bend
- Material: Black Plenum-rated Plastic

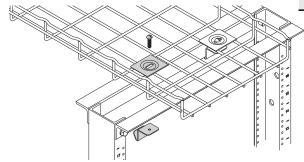




See page D-3 for finish information

Rack Clamp

- Securely holds tray down to rack
- Installs without drilling
- Black-painted finish to match rack
- Finish__: BLE

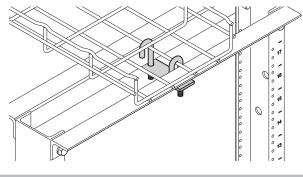


Part Number	Description	Qty./Box	Wt.	/Box (kg)
RACK CLAMP_	Rack Clamp	4	4.7	(2.13)



Adaptor Kit

- Adaptor kit includes all hardware necessary to connect Flextray system to top of relay rack at right angle or parallel position
- Finish_: YZN (Yellow Zinc Chromate)



Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
SB2204	Adaptor Kit	1	0.37 (0.17)

Adaptor Kit includes:

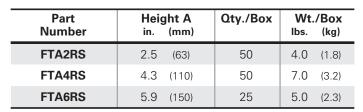
- (1) Mounting Plate
- (2) ⁵/16"-18 x 2" "J"-Bolts
- (2) HN ⁵/16"-18 Hex Nuts
- (2) LW ⁵/16" Lock Washers

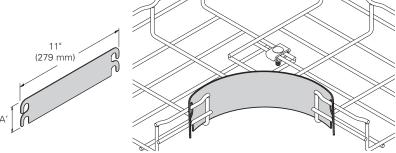


Radius Shield

- Provides a smooth inside radius surface.
- No tools or fasteners needed to install.
- Sizes for 2", 4" & 6" deep FLEXTRAY; 90° horizontal bends, tees, and crosses.
- Installs in seconds. Simply hold in place and bend back tabs.
- Slick surface to reduce cable friction.
- Material: Black Polycarbonate







See page D-3 for finish information

Under Floor Stand



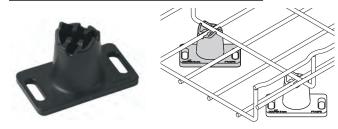
Part Number	Overall Height in. (mm)				Wt. Pe	er Each (kg)
WBU1203	3"	(76)	1.32	(0.60)		
WBU1204	4"	(101)	1.60	(0.72)		
WBU1205	5"	(127)	1.88	(0.85)		
WBU1206	6"	(152)	2.17	(0.98)		

- Heights of 3", 4", 5" or 6"
- Leg cutout allows for airflow
- No tools required to mount FLEXTRAY to stand
- Use WBUHD hold down clips to secure basket
- Stand width is 12"
- Fasten to floor for maximum stability
- Floor mounting slot size: .313" (7.9mm) x .813" (20.6mm) for 1/4" hardware



Floor Stand

Part	Wt. Pe	er Pc.	Box
Number		(kg)	Quantity
FTA2FS	0.44"	(0.20)	10



- Non-metallic snap lock floor stand is designed for use under access floors.
- Floor stand elevates FLEXTRAY System 1⁵/8" (41.3mm) above the floor.
- To attach floor stand, use construction adhesive or anchors.
- Elevation increments of 1³/8" (35mm) can be obtained by stacking floor stands.
- Sized for 1/4" hardware (order separately).
- Material: Black Plenum-rated Plastic

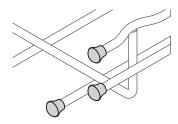
Rubber Cap

Part	Box	Wt. Po	er 100
Number	Quantity		(kg)
B719EB	100	0.20	(0.10)





- Install on wire ends if required. Fits all wire diameters
- Sold as each

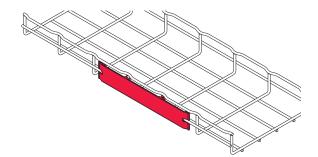


- Part Color Qty./Box Wt./Box Number lbs. (kg) SB420ATG Gray Lacquer 1 0.9 (0.41)SB420AFB Flat Black Lacquer 1 0.9 (0.41)SB420ACW Computer White Lacquer 0.9 (0.41)**B999** Silver Zinc-Rich Paint 1 0.9 (0.41)
- Size: 12 ounce aerosol can
- Cannot ship air freight

Label Clip

- Clips easily into trays
- Use for identifying your cable pathways
- Can be used on all tray sizes
- Will not fit on side of 11/2" deep FLEXTRAY
- Finish: Non-plenum-rated resins

Part	Length	Qty./Box	Wt./Box
Number	in. (mm)		lbs. (kg)
LABEL CLIP	10 ¹ /2" (267)	10	0.6 (0.27)





Description

Ground Bolt

Ground Bolt

Wt./Box

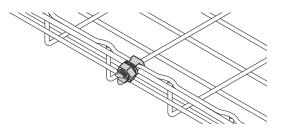
lbs. (kg)

1.0 (0.45)

Qty./Box

100

- Attaches up to #1 ground wire to each tray section when separate ground wire is required
- Used for UL grounding compliance.
- When using color powder coated finish or paint, coating must be removed at the points of contact.
- Finish: Copper Plated





Part

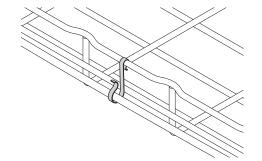
Number

GROUND BOLT



Ground Wire Supports

- Supports ground wire along side of tray
- Can be used on all trays
- Finish __: Zinc Plated



Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
GROUND SUPT GL	Ground Wire Support	100	0.6 (0.27)



- Complete source of hardware for ceiling connections
- Available in stock
- Strut can be purchased in pre-cut lengths and various colors
- All hardware is zinc plated

Threaded Rod



Part Number	Size	Qty.	Wt./ lbs.	'Qty. (kg)
ATR1/4x72	¹ /4" x 72" (1828mm)	1	0.7	(0.31)
ATR1/4x120	¹ /4" x 120" (3048mm)	1	1.2	(0.54)
ATR1/4x144	¹ /4" x 144" (3657mm)	1	1.4	(0.63)
ATR3/8x72	³ /8" x 72" (1828mm)	1	1.7	(0.77)
ATR3/8x120	³ /8" x 120" (3048mm)	1	2.9	(1.31)
ATR3/8x144	³ /8" x 144" (3657mm)	1	3.5	(1.58)
ATR1/2x72	¹ /2" x 72" (1828mm)	1	3.2	(1.45)
ATR1/2x120	¹ /2" x 120" (3048mm)	1	5.4	(2.45)
ATR1/2x144	¹ /2" x 144" (3657mm)	1	6.5	(2.95)

Rod Couplings



Part Number	Size	Qty.	Wt./ lbs.	'Qty . (kg)
B655-1/4	¹ /4"-20	50	2.0	(0.91)
B655-3/8	³ /8"-16	50	5.5	(2.49)
B655-1/2	¹ /2"-13	50	6.0	(2.72)

Hex Nuts



Part Number	Size	Qty.	Wt./Qty. lbs. (kg)
1/4HN	¹ /4"-20	100	0.6 (0.27)
3/8HN	³ /8"-16	100	1.6 (0.72)
1/2HN	¹ /2"-13	100	4.3 (1.95)

Lock Washers



Part Number	Size	Qty.	Wt./ lbs.	∕Qty. (kg)
1/4LW	1/4"	200	0.6	(0.27)
3/8LW	3/8"	200	1.6	(0.72)
1/2LW	1/2"	200	2.0	(0.91)

Flat Washers



Part Number	Size	Qty.	Wt./ lbs.	'Qty. (kg)
1/4FW	1/4"	200	1.2	(0.54)
3/8FW	3/8"	200	3.0	(1.36)
1/2FW	1/2"	200	6.6	(2.99)

Square Washers



Part Number	Size	Qty.	Wt./Qty. lbs. (kg)
B201	⁷ /16	50	6.0 (2.72)
B202	⁹ /16	50	7.0 (3.17)

Beam Clamps



Part Number	Size	Qty.	Wt./Qty. lbs. (kg)
B3036L-3/8	³ /8"-16	100	60.0 (27.2)
B3036L-1/2	¹ /2"-13	100	140.0 (63.5)



Beam Clamps

Part Number	Size	Qty.	Wt./Qty. lbs. (kg)
B444-1/4	¹ /4"-20	100	160 (72.5)
B444-3/8	³ /8"-16	100	430 (195.0)
B444-1/2	¹ /2"-13	100	430 (195.0)



U-Bolt Clamps

Part Number	Size	Qty.	Wt./Qty. lbs. (kg)
B441-22	³ /8"-16 x 3 ³ /8" long	100	160 (72.5)



U-Bolts

Part Number	'A' in. (mm)	Thread Qty Size	y. Wt./Qty. lbs. (kg)
B501-1	1 ³ /8" (30)	⁵ /16"-18 50	7.0 (3.17)
B501-1 ¹ /2	2" (50)	⁵ /16"-18 50	8.0 (3.63)
B501-2	2 ⁷ /16" (62)	³ /8"-16 20	5.4 (2.45)
B501-2 ¹ /2	2 ¹⁵ /16" (75)	³ /8"-16 25	8.0 (3.63)





Strut Channels

Part Number	Channel Size	Qty.	Wt./Qty. lbs. (kg)
B22SGALV120	1 ⁵ /8" x 120" - 12 ga.	1	6.0 (2.72)
B22SHGALV120	1 ⁵ /8" x 120" - 12 ga.	1	6.0 (2.72)
B56SGALV120	¹³ / ₁₆ " x 120" - 15 ga.	1	7.0 (3.17)
B56SHGALV120	¹³ /16" x 120" - 15 ga.	1	6.0 (2.72)

Spring Nuts

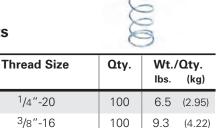
Part

Number

N224

N228

N225



Concrete Rapid Rod™ Hanger



11.3 (5.12)

100

Part Number	Rod Size	Shank Size	Qty.	Wt./Qty. lbs. (kg)
ARC-37-150	3/8"	¹ /4" x 1 ¹ /2"	100	3.4 (1.54)

1/4"-20

3/8"-16

¹/2"-13

Wood Rapid Rod™ Hanger



Part Number	Rod Size	Shank Size	Qty.	Wt./Qty. lbs. (kg)
ARW-37-200	3/8"	¹ /4" × 2"	100	3.4 (1.54)
ARW-37-200SW	3/8"	¹ /4" × 2"	100	3.4 (1.54)

SW = Side Mount

Steel Rapid Rod™ Hanger



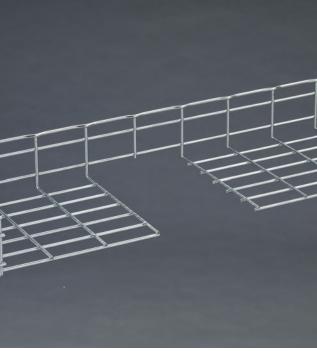
Part Number	Rod Size	Shank Size	Qty.	Wt./Qty. lbs. (kg)
ARS-37-150	3/8"	¹ /4" x 1 ¹ /2"	100	3.4 (1.54)
ARS-37-150SW	3/8"	¹ /4" x 1"	100	3.4 (1.54)

SW = Side Mount

Sockets for **Rapid Rod Hangers**

Part Number	Size	Qty.		' Qty . (kg)
7187	Universal Steel & Wood Socket	1	4.5	(2.04)
7197	³ /8" Concrete Socket	1	4.5	(2.04)







Eaton

- \bullet Exclusive, patented CLEANSHEAR $^{\text{\tiny TM}}$ cuts tray fast
- No sharp edges
- Designed specifically for cutting Flextray
- Safely cut and bend Flextray into any configuration



Flextray Cutters

Part Number	Description	Qty./Box	Wt./Box lbs. (kg)	
CLEANSHEAR	CLEANSHEAR Cutting Tool	1 per box	4.3	(1.95)



1 Face tray up. Slide cutter next to vertical wire and cut.



2 Turn tray to the side with open side facing you. Repeat step 1 to cut wire.



3 Finish cutting all side wires.



4 Turn tray open-side down and cut wires from bottom of tray.



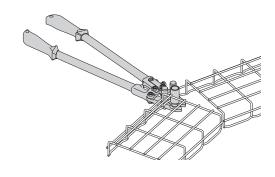
5 Finish cutting by moving to other side of tray to cut remaining wires,

- CLEANSHEAR bender has our exclusive bending attachment
- Makes bending larger trays easy
- Recommended for bending tray widths of 16" (400mm) or greater

Flextray Bender

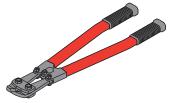
Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
CLEANSHEAR BEND	CLEANSHEAR Cutting Tool With Bender Attachment	1 per box	5.4 (2.45)





Angular Bolt Cutter

Part Number	Description	Qty./Box		/Box (kg)
WB30BC	Bolt Cutter	1 per box	6.8	(3.1)
WB30RB	Replacement Blade	1 per box	1.3	(0.6)

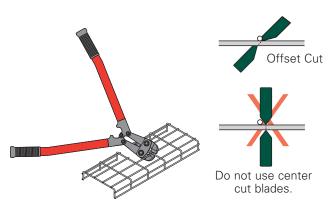






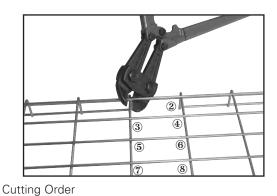
WB30RB Replacement Blade

Completely adaptable, the Flextray system is designed to accommodate jobsite changes. Cut wires with our Angular Bolt Cutter, bend to create a bend, tee, or reducer.



For the best results, use a WB30BC angular blade offset bolt cutter with 24" (600 mm) long handles. The offset blade cutter produces a clean cut. Position bolt cutter blades near the cross wire and perpendicular to wire to be cut (see illustration above). Proper cut will make the assembly faster, easier and safer while minimizing grinding.

Cut and remove each wire as illustrated below. Follow cutting pattern and blade positioning. Placing Flextray open side down provides the optimum cutting angle.



	_	_
Вох	_	

Part Number	Length in. (mm)	Wt. Per Cutter lbs. (kg)	Box Quantity
WB50WC	12 ³ /4" (324)	3.0 (1.3)	1 per box

Part Number	Description	Box Quantity
WB50RB	Replacement Blade	1 per box
WB50BA	Replacement Battery	1 per box

The Greenlee®† cable wire cutter makes flush cuts without burrs. Will cut .191" (4.8mm) diameter wire in 2 seconds. Cutting head rotates 330° for ease of positioning and the tool automatically retracts when cut is complete.

Comes with 2 batteries, charger, and carrying case. Approximately 250 cuts per charge.

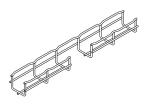




[†] Mark shown is the property of its respective owner.

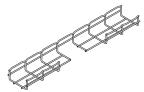
90° Horizontal Bends (Short Radius)

- Make your own field cut horizontal bends using CLEANSHEAR™ to make safe, smooth cuts
- Can be made from any tray width and depth with any available finish
- SUPT WASHER & FTHDWE 1/4 hardware may be used on bottom of tray instead of WASHER SPL KIT where desired





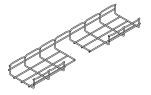






4" (100mm) Tray Width

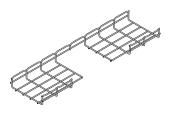
Flextray Depth in. (mm)	Required Hardware Description	Quantity
2" (50)	WASHER SPL KIT	1
4" (100)	WASHER SPL KIT	1

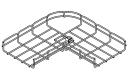




6" (150mm) Tray Width

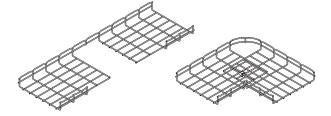
	Flextray Depth in. (mm)		Required Hardware Description	Quantity
•	2"	(50)	WASHER SPL KIT	1
	4"	(100)	WASHER SPL KIT	1





8" (200mm) Tray Width

Flextray Depth in. (mm)		Required Hardware Description	Quantity
2"	(50)	WASHER SPL KIT	1
4"	(100)	WASHER SPL KIT	1
6"	(150)	WASHER SPL KIT	1



12" (300mm) Tray Width

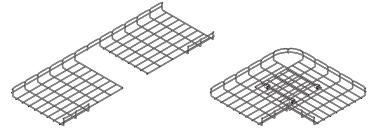
Flextray Depth in. (mm)		Required Hardware Description	Quantity
2"	(50)	WASHER SPL KIT	1
4"	(100)	WASHER SPL KIT	1
6"	(150)	WASHER SPL KIT	1

90° Horizontal Bends (Short Radius)

- Make your own field cut horizontal bends using CLEANSHEAR™ to make safe, smooth cuts
- Can be made from any tray width and depth with any available finish
- SUPT WASHER & FTHDWE 1/4 hardware may be used on bottom of tray instead of WASHER SPL KIT where desired

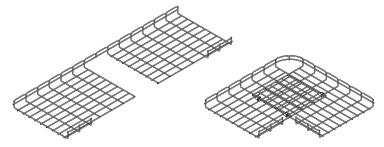
16" (400mm) Tray Width

Flextray Depth in. (mm)		Required Hardware Description	Quantity
2"	(50)	WASHER SPL KIT	3
4"	(100)	WASHER SPL KIT	3
6"	(150)	WASHER SPL KIT	3



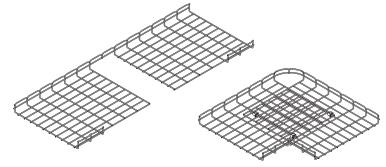
18" (450mm) Tray Width

Flextra	y Depth (mm)	Required Hardware Description	Quantity
2"	(50)	WASHER SPL KIT	3
4"	(100)	WASHER SPL KIT	3
6"	(150)	WASHER SPL KIT	3



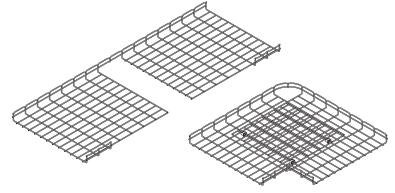
20" (500mm) Tray Width

Flextra	extray Depth Required Hardware in. (mm) Description		Quantity
2"	(50)	WASHER SPL KIT	3
4"	(100)	WASHER SPL KIT	3
6"	(150)	WASHER SPL KIT	3



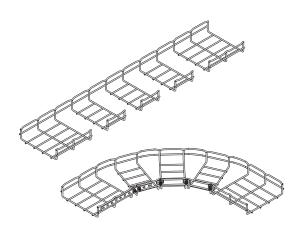
24" (600mm) Tray Width

Flextra in.	y Depth (mm)	Required Hardware Description	Quantity
2"	(50)	WASHER SPL KIT	3
4"	(100)	WASHER SPL KIT	3
6"	(150)	WASHER SPL KIT	3



90° Horizontal Bends (Long Radius)

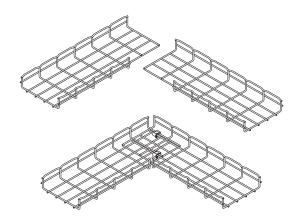
- Make your own field cut horizontal sweeps using CLEANSHEAR™ to make safe, smooth cuts
- Can be made from any tray width and depth with any available finish
- Cut as many segments as required to control sweep radius (use chart for recommendations)
- One (1) WASHER SPL KIT is required to connect each cut segment minus one, this segment uses one (1) SPLICE BAR, two (2) FTHDWE 1/4 and two (2) BTM WASHER
- Illustration shown below is for a 8" (200mm) width
- 2" deep FLEXTRAY has two (2) side wires shown
 4" deep FLEXTRAY has three (3) side wires
 6" deep FLEXTRAY has four (4) side wires



				Component Qty.	
	lextray Width (mm)	Segments To Be Removed	WASHER SPL KIT	FTHDWE 1/4 & BTM WASHER	SPLICE BAR
4"	(100)	2	1	2	1
6"	(150)	3	2	2	1
8"	(200)	4	3	2	1
12	(300)	6	5	2	1
16	(400)	7	6	2	1
18	(450)	8	7	2	1
20	(500)	10	9	2	1
24	(600)	11	10	2	1
30	(750)	13	12	2	1
32	(800)	13	12	2	1

90° Horizontal Bend From (2) Straight Sections

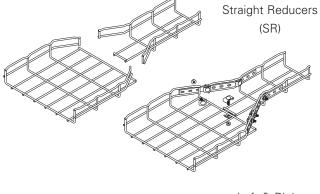
- Cut required number of wire side sections listed in chart per the illustration below (Illustration is for a 8" (200mm) width)
- 2" deep FLEXTRAY has two (2) side wires shown
 4" deep FLEXTRAY has three (3) side wires
 6" deep FLEXTRAY has four (4) side wires

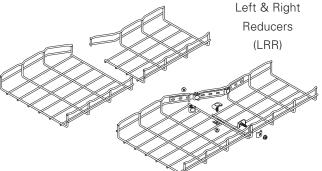


Flextra	y Width (mm)	Side Sections To Be Removed	WASHER SPL KIT Qty.
4"	(100)	1	2
6"	(150)	2	2
8"	(200)	2	2
12"	(300)	3	2
16"	(400)	4	2
18"	(450)	5	2
20"	(500)	5	2
24"	(600)	6	2
30"	(750)	8	2
32"	(800)	8	2

Reducers

Large Flextray Width in. (mm)		WASHER SPL KIT (SR) (LRR)		Component Qty. FTHDWE 1/4 & BTM WASHER (SR) (LRR)		SPLICE BAR (SR) (LRR)	
4"	(100)	-	1	-	2	-	1
6"	(150)	-	2	-	2	-	1
8"	(200)	1	2	4	2	2	1
12"	(300)	2	3	4	2	2	1
16"	(400)	2	3	4	2	2	1
18"	(450)	2	3	4	2	2	1
20"	(500)	3	3	4	2	2	1
24"	(600)	3	3	4	2	2	1
30"	(750)	3	3	4	2	2	1
32"	(800)	3	3	4	2	2	1

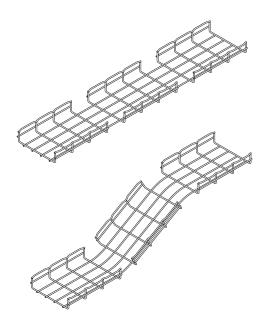




- 2" deep FLEXTRAY has two (2) side wires shown
 - 4" deep FLEXTRAY has three (3) side wires
 - 6" deep FLEXTRAY has four (4) side wires

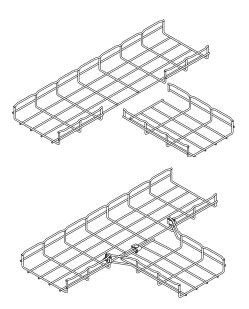
Vertical Inside & Outside Bends

- Cut wire section as shown and bend to desired angle
- 2" deep FLEXTRAY has two (2) side wires shown
 - 4" deep FLEXTRAY has three (3) side wires
 - 6" deep FLEXTRAY has four (4) side wires



Horizontal Tees (and crosses)

- Cut wire side sections as shown in the illustration below (Illustration is for a 8" (200mm) width)
- 2" deep FLEXTRAY has two (2) side wires shown
 4" deep FLEXTRAY has three (3) side wires
 6" deep FLEXTRAY has four (4) side wires
- For crosses, duplicate process on opposite side



Tray in.	Width (mm)	WASHER SPL KIT Oty.
2"	(50)	2
4"	(100)	2
6"	(150)	3
8"	(200)	3
12"	(300)	4
16"	(400)	4
18"	(450)	4
20"	(500)	4
24"	(600)	4
30"	(750)	5
32"	(800)	5