

FTE Cable Tray System

Oglaend System corrosion resistant fibre reinforced plastic FRP Cable Trays are designed to deliver weight reductions while maintaining strength and maximising loading capability. The design delivers HSE improvements when lifting and fitting Tray and Support equipment. The Cable Trays are available in five different resin materials, each formulated to satisfy special project requirements.

AVAILABLE MATERIALS

FRP

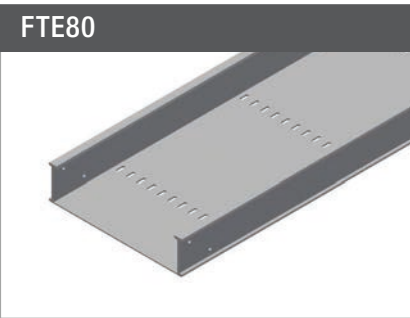
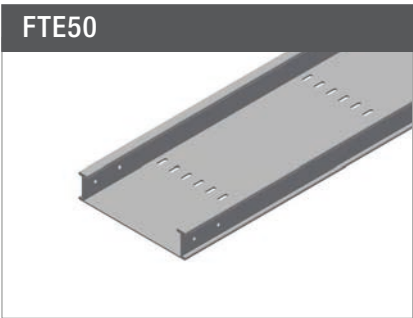
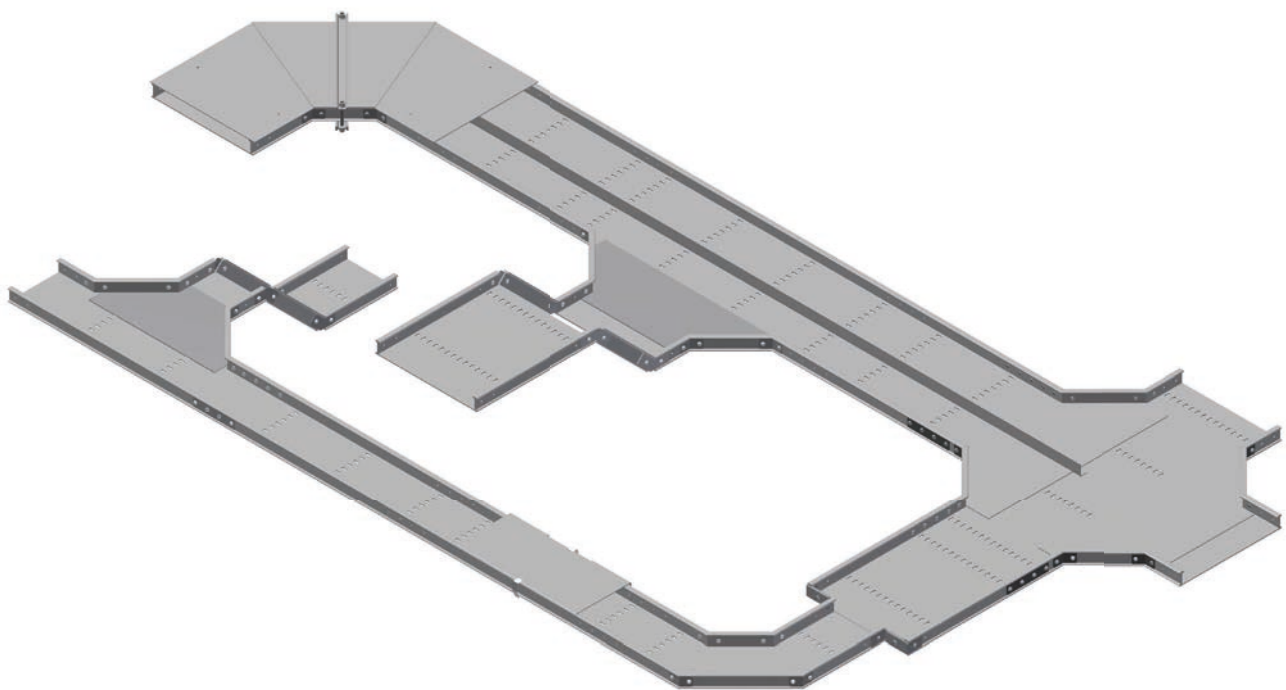
A

VE

AC

PH

Article numbers are for standard FRP polyester resin. For alternative resin types, prefix the article number with the resin code. For more information on resin systems, please see the materials section or refer to our website.



CABLE TRAY DATA

TRAY SYSTEMS	Rail Height (mm)	Load 1.5 m support spacing (FRP kg/m)	Load 2 m support spacing (FRP kg/m)	Material thickness HDG/SS (mm)
FTE50	50	100	60	3 ¹ , 4 ² or 4.5 ³
FTE80	80	115	75	3 ¹ , 4 ² or 4.5 ³

¹Widths from 50-300 mm. ²400 mm width, ³600 mm width.

Loading data according to IEC61537. The length of the end span must be reduced to 3/4 of the support spacing.

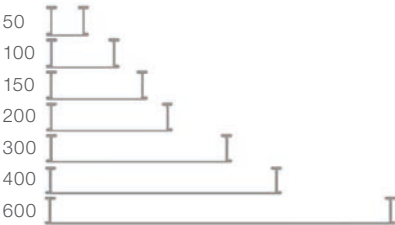
LADDER DESIGN

Different heights (mm):

Different tray heights to give more choice for loading space availability. Designed with unique I-beam for superior loading capacity.



Available widths (mm):

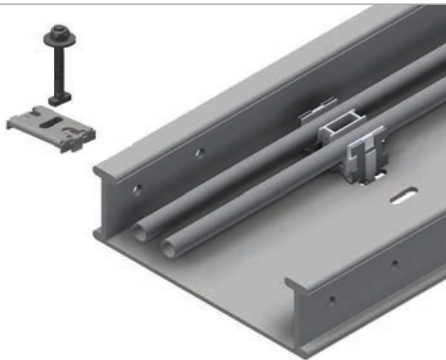


Fitting accessories available in FRP and SS



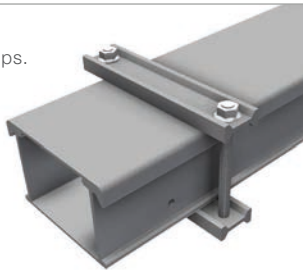
Pre-slotted Tray

Saves drilling time.



Covers and Fixing Clamps

Snap-on cover and heavy duty clamps.



CERTIFICATES



Contents

FTE Composite Cable Tray System

FTE-50 Cable Tray System

- 150 FTE-50 Cable Tray System
- 150 FTE-50 Fittings
- 152 FTE-50 Fixings

FTE-80 Cable Tray System

- 154 FTE-80 Cable Tray System
- 154 FTE-80 Fittings
- 156 FTE-80 Fixings

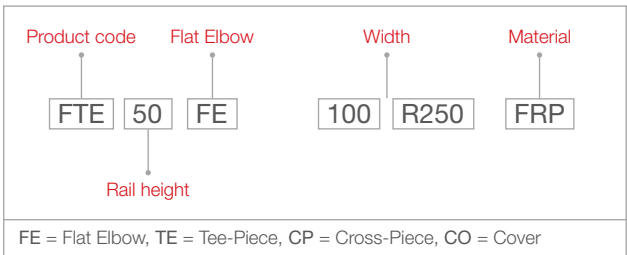
FTE Accessories

- 157 FTE Accessories



Intellectual Property Rights
Please note that several of the products presented in this catalogue are protected by our intellectual property rights in the form of patents, registered designs and trademarks, and that we have made the strategic decision to police and enforce these rights in all relevant jurisdictions.

HOW TO READ TYPE DESCRIPTIONS



FTE-50 Cable Tray System

FTE-50 Cable Tray

Cable Tray for Tubing and Light Electrical support.

Type Description	FRP	FRP (kg)
FTE-50 CT-50	74400	3.9
FTE-50 CT-100	74401	5.1
FTE-50 CT-150	74399	6.1
FTE-50 CT-200	74402	7.0
FTE-50 CT-300	74403	9.2
FTE-50 CT-400	71460	13.6
FTE-50 CT-600	71557	-



FTE-50 Fittings

90° Flat Elbow

Compact design Flat Elbow in full composite system.

Type Description	FRP	FRP (kg)
FTE-50 FE-90-50	74568	1.1
FTE-50 FE-90-100	74569	1.1
FTE-50 FE-90-150	74572	1.9
FTE-50 FE-90-200	74570	2.2
FTE-50 FE-90-300	74571	3.1
FTE-50 FE-90-400	71463	4.7
FTE-50 FE-90-600	71559	7.9



45° Flat Elbow

Compact design Flat Elbow in full composite system.

Type Description	FRP	FRP (kg)
FTE-50 FE-45-50	74575	0.8
FTE-50 FE-45-100	74576	1,1
FTE-50 FE-45-150	74574	1.3
FTE-50 FE-45-200	74577	1.5
FTE-50 FE-45-300	74578	2.0
FTE-50 FE-45-400	71464	3.0
FTE-50 FE-45-600	71560	4.9



Tee-Piece

Compact design Tee-Piece in full composite system.

Type Description	FRP	FRP (kg)
FTE-50 TE-50/50	74660	0.6
FTE-50 TE-100/100	74661	0.9
FTE-50 TE-150/150	74659	1.1
FTE-50 TE-200/200	74662	1.3
FTE-50 TE-300/300	74663	2.0
FTE-50 TE-400/400	71465	3.2
FTE-50 TE-600/600	71561	5.8



Radius Tee-Piece

Compact design Tee-Piece with 300 mm radius in full composite system.

Type Description	FRP	FRP (kg)
FTE-50 TE-50/50 R3	71629	1.8
FTE-50 TE-100/100 R3	71630	2.3
FTE-50 TE-150/150 R3	71631	2.8
FTE-50 TE-200/200 R3	71632	3.2
FTE-50 TE-300/300 R3	71633	4.1
FTE-50 TE-400/400 R3	71634	6.4
FTE-50 TE-600/600 R3	71635	10.4



Combi Riser

Fixed 90° Riser in composite system with stainless steel Splice Plates. The Splice Plates can be rotated to create inside or outside risers.

Type Description	SS	SS (kg)	FRP	FRP (kg)
FTE-50 CR-50	74670	0.7	75046	0.6
FTE-50 CR-100	74671	0.8	75047	0.7
FTE-50 CR-150	74669	0.9	75039	0.8
FTE-50 CR-200	74672	1.0	75048	0.9
FTE-50 CR-300	74673	1.2	75049	1.1
FTE-50 CR-400	71490	1.6	71642	1.5
FTE-50 CR-600	71562	2.2	71644	2.1

4 Locking Bolt set(s) M6x16 included.



Reducer

Part for increasing or reducing the Cable Tray width in set increments. Universal design which can be used for left or right side independently, or both sides together.

Type Description	FRP	FRP (kg)
FTE-50 RP-50	70438	0.1
FTE-50 RP-100	70439	0.1
FTE-50 RP-150	70440	0.2
FTE-50 RP-200	70441	0.2
FTE-50 RP-300	71606	0.2

2 Locking Bolt set(s) M6x16 included.

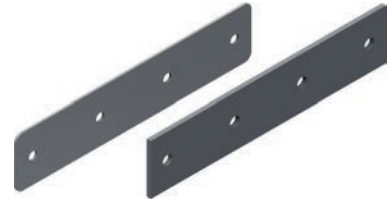


FTE-50 Fixings

Splice Connector

Straight FRP Splice Connector used to connect lengths of Cable Tray.

Type Description	Fasteners included	SS	SS (kg)	FRP
FTE-50 SC	2xM6	74880	0.1	75043



Expansion Splice Plates

Splice Connector with elongated holes to accommodate thermal expansion.

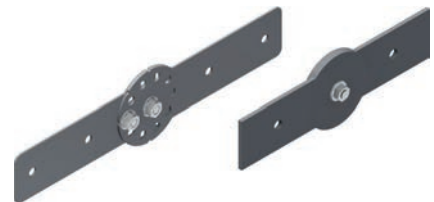
Type Description	Fasteners included	SS	SS (kg)	FRP
FTE-50 SC EXP	2xM6	71691	0.1	71608



Hinge Vertical

Vertical Hinge connector. Allows for flexible riser configurations.

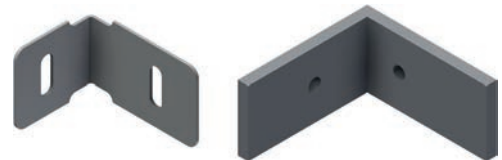
Type Description	Fasteners included	SS	SS (kg)	FRP
FTE-50 HV	2xM6	74882	0.2	75044



Splice Angle Horizontal

90° Splice Angle connector.

Type Description	Fasteners included	SS	SS (kg)	FRP
FTE-50 SA-HO-50	2xM6	74870	0.1	70436



Splice Angle 45°

Vertical Splice Plates that can be used to construct risers.

Type Description	Fasteners included	SS	SS (kg)	FRP
FTE-50 SA-VE-45	2xM6	74872	0.1	75041

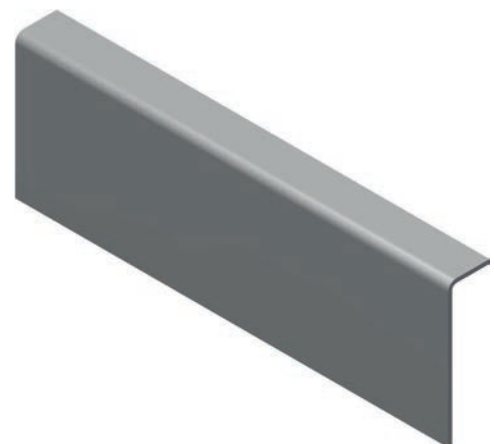


End Cover

The End Cover provides a tidy end point on the Cable Tray run.

Type Description	FRP	FRP (kg)
FTE-50 EC-50	74727	0.02
FTE-50 EC-100	74728	0.04
FTE-50 EC-150	74885	0.05
FTE-50 EC-200	74729	0.06
FTE-50 EC-300	74730	0.1
FTE-50 EC-400	71492	0.1
FTE-50 EC-600	71564	0.2

2 M8x13 Self Tapping Screw(s) included.



Divider

Divider for separation and segregation of different systems.

Type Description	Fasteners included	FRP	FRP (kg)
FTE-50 DI	4xM6	74540	1.2



FTE-80 Cable Tray System

FTE-80 Cable Tray

Cable Tray for Tubing and Light Electrical support.

Type Description	FRP	FRP (kg)
FTE-80 CT-50	74410	5.8
FTE-80 CT-100	74411	6.7
FTE-80 CT-150	74409	7.5
FTE-80 CT-200	74412	9.2
FTE-80 CT-300	74413	10.9
FTE-80 CT-400	71461	14.8



FTE-80 Fittings

90° Flat Elbow

Compact design Flat Elbow in full composite system.

Type Description	FRP	FRP (kg)
FTE-80 FE-90-50	74582	1.8
FTE-80 FE-90-100	74583	2.0
FTE-80 FE-90-150	74581	2.4
FTE-80 FE-90-200	74584	2.9
FTE-80 FE-90-300	74585	3.7
FTE-80 FE-90-400	71493	5.4



45° Flat Elbow

Compact design Flat Elbow in full composite system.

Type Description	FRP	FRP (kg)
FTE-80 FE-45-50	74590	1.2
FTE-80 FE-45-100	74591	1.4
FTE-80 FE-45-150	74589	1.6
FTE-80 FE-45-200	74592	1.9
FTE-80 FE-45-300	74593	2.4
FTE-80 FE-45-400	71494	3.5



Tee-Piece

Compact design Tee-Piece in full composite system.

Type Description	FRP	FRP (kg)
FTE-80 TE-50/50	74664	1.1
FTE-80 TE-100/100	74665	1.1
FTE-80 TE-150/150	74668	1.4
FTE-80 TE-200/200	74666	1.8
FTE-80 TE-300/300	74667	2.4
FTE-80 TE-400/400	71495	3.6



Radius Tee-Piece

Compact design Tee-Piece with 300 mm radius in full composite system.

Type Description	FRP	FRP (kg)
FTE-80 TE-50/50 R300	71636	2.5
FTE-80 TE-100/100 R300	71637	2.9
FTE-80 TE-150/150 R300	71638	3.1
FTE-80 TE-200/200 R300	71639	3.8
FTE-80 TE-300/300 R300	71640	4.8
FTE-80 TE-400/400 R300	71641	7.1



Combi Riser

Fixed 90° Riser in composite system with stainless steel Splice Plates. The Splice Plates can be rotated to create inside or outside risers.

Type Description	SS	SS (kg)	FRP	FRP (kg)
FTE-80 CR-50	74674	1.0	75072	1.0
FTE-80 CR-100	74675	1.1	75073	1.1
FTE-80 CR-150	74678	1.2	75074	1.1
FTE-80 CR-200	74676	1.4	75075	1.3
FTE-80 CR-300	74677	1.5	75076	1.5
FTE-80 CR-400	71496	1.9	71643	1.9

8 Locking Bolt set(s) M6x16 included.



Reducer

Part for increasing or reducing the Cable Tray width in set increments. Universal design which can be used for left or right side independently, or both sides together.

Type Description	FRP	FRP (kg)
FTE-80 RP-50	70442	0.2
FTE-80 RP-100	70443	0.3
FTE-80 RP-150	70445	0.3
FTE-80 RP-200	70446	0.3
FTE-80 RP-300	71607	0.3

2 Locking Bolt set(s) M6x16 included.

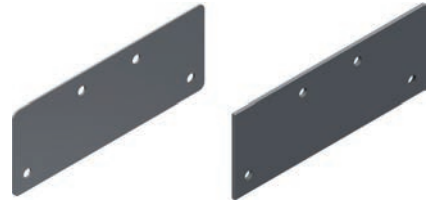


FTE-80 Fixings

Splice Connector

Straight FRP Splice Connector used to connect lengths of Cable Tray.

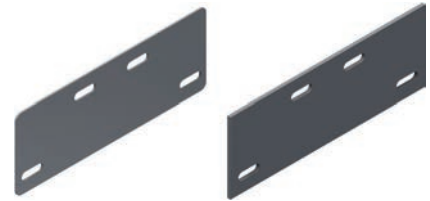
Type Description	Fasteners included	SS	SS (kg)	FRP
FTE-80 SC	4xM6	74881	0.2	75052



Expansion Splice Plates

Splice Connector with elongated holes to accomodate thermal expansion.

Type Description	Fasteners included	SS	SS (kg)	FRP
FTE-80 SC EXP	4xM6	71692	0.2	71609



Hinge Vertical

Vertical Hinge connector, allows for flexible riser configurations.

Type Description	Fasteners included	SS	SS (kg)	FRP
FTE-80 HV	4(2)xM6	74883	0.3	75053



Splice Angle Horizontal

90° Splice Angle connector.

Type Description	Fasteners included	SS	SS (kg)	FRP
FTE-80 SA-HO-50	4xM6	74871	0.2	70437



Splice Angle 45°

Vertical Splice Plates that can be used to construct risers.

Type Description	Fasteners included	SS	SS (kg)	FRP
FTE-80 SA-VE-45	2xM6	74873	0.2	75042

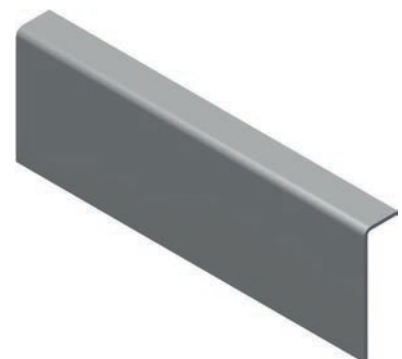


End Cover

The End Cover provides a tidy end point on the Cable Tray run.

Type Description	FRP	FRP (kg)
FTE-80 EC-100	74732	0.06
FTE-80 EC-150	74886	0.08
FTE-80 EC-200	74733	0.1
FTE-80 EC-300	74734	0.2
FTE-80 EC-400	71498	2.3

2 M8x13 Self Tapping Screw(s) included.



Divider

Divider for separation and segregation of different systems.

Type Description	Fasteners included	FRP	FRP (kg)
FOE 100 FTE-80 DI	4xM6	74541	1.5

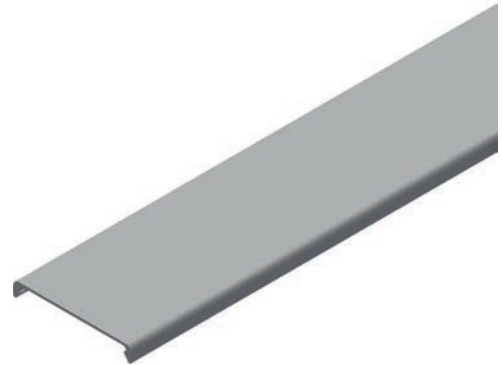


FTE Accessories

Cover

Flat Cover with Snap-Lock for the FTE Cable Tray system.

Type Description	FRP	FRP (kg)
FTE CO-CT-50	74450	2.4
FTE CO-CT-100	74451	3.0
FTE CO-CT-150	74449	3.9
FTE CO-CT-200	74452	4.8
FTE CO-CT-300	74453	6.3
FTE CO-CT-400	71462	6.3
FTE CO-CT-600	71570	15.6



90° Cover

Flat Cover for the FTE Cable Tray system.

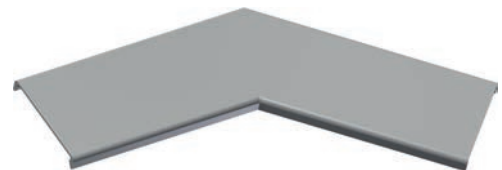
Type Description	FRP	FRP (kg)
FTE CO-FE-90-50	74735	0.4
FTE CO-FE-90-100	74736	0.5
FTE CO-FE-90-150	74739	0.7
FTE CO-FE-90-200	74737	1.0
FTE CO-FE-90-300	74738	1.5
FTE CO-FE-90-400	71499	3.0
FTE CO-FE-90-600	71651	4.7



45° Cover

Flat Cover for the FTE Cable Tray system.

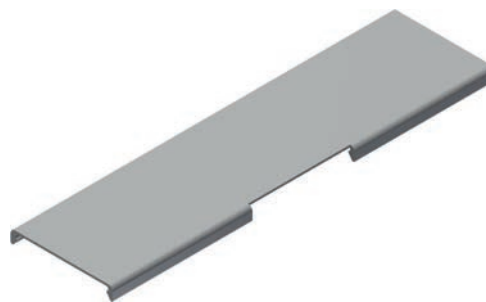
Type Description	FRP	FRP (kg)
FTE CO-FE-45-50	74940	0.3
FTE CO-FE-45-100	74941	0.3
FTE CO-FE-45-150	74944	0.5
FTE CO-FE-45-200	74942	0.6
FTE CO-FE-45-300	74943	0.9
FTE CO-FE-45-400	71500	1.8
FTE CO-FE-45-600	71652	3.0



Tee Cover

Flat Cover for the FTE Cable Tray system.

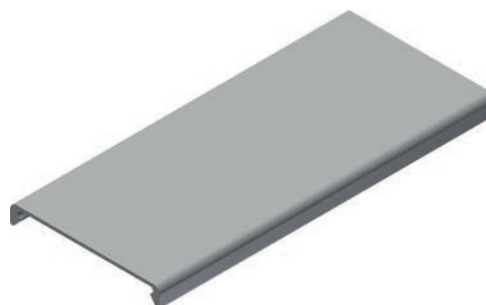
Type Description	FRP	FRP (kg)
FTE-CO TE-50/50	74840	0.3
FTE-CO TE-100/100	74841	0.4
FTE-CO TE-150/150	74839	0.7
FTE-CO TE-200/200	74842	0.6
FTE-CO TE-300/300	74843	1.0
FTE-CO TE-400/400	71530	1.5
FTE-CO TE-600/600	71573	-



Cover Combi Riser

Flat Cover for the FTE Cable Tray system.

Type Description	FRP	FRP (kg)
FTE-CO-CR-50	74844	0.3
FTE-CO-CR-100	74845	0.3
FTE-CO-CR-150	74848	0.4
FTE-CO-CR-200	74846	0.6
FTE-CO-CR-300	74847	0.7
FTE-CO-CR-400	71531	0.7
FTE-CO-CR-600	71653	1.1



Cover Clip FTE-50

Quick and easy clip-on cover clamp.

Type Description	SS	SS (kg)
FTE-50 CC	71352	-



Cover Clip FTE-80

Quick and easy clip-on cover clamp.

Type Description	SS	SS (kg)
FTE-80 CC	71459	-

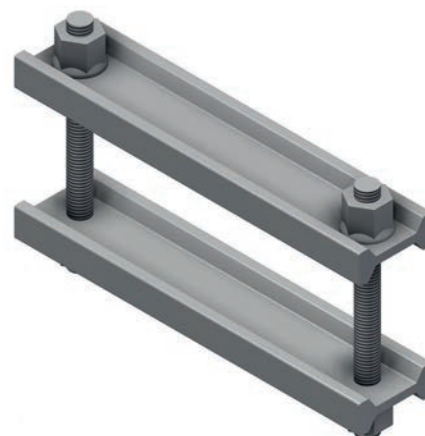


Cover Fixing Clamp FTE-50

Cover fixing clamp for use in high winds. Made in FRP.

Type Description	FRP	FRP (kg)
FTE-50 CC-HD-50	73930	0.2
FTE-50 CC-HD-100	73931	0.3
FTE-50 CC-HD-150	73929	0.3
FTE-50 CC-HD-200	73932	0.4
FTE-50 CC-HD-300	73933	0.5
FTE-50 CC-HD-400	71491	0.6
FTE-50 CC-HD-600	71563	0.9

4 M10 FRP Nut(s) included.



Cover Fixing Clamp FTE-80

Cover fixing clamp for use in high winds. Made in FRP.

Type Description	FRP	FRP (kg)
FTE-80 CC-HD-50	73934	0.2
FTE-80 CC-HD-100	73935	0.3
FTE-80 CC-HD-150	73938	0.3
FTE-80 CC-HD-200	73936	0.4
FTE-80 CC-HD-300	73937	0.5
FTE-80 CC-HD-400	71497	0.6

4 M10 FRP Nut(s) included.



FRP Step Down Splice Plate

Stepped Splice Connector for connecting FTP cable trays in 50 and 80 mm heights.

Type Description	Fasteners included	SS	SS (kg)
FTE-SD-SP-80-50	4xM6	71650	0.04



Hold Down Fixing Clamp

Fixing Clamp which fits both ladders and trays.

Type Description	SS	SS (kg)
FTE FC-B47x50	74492	0.04



Fixing Clamp

Fixing Clamp which fits both ladders and trays. Used for vertical or horizontal installations.

Type Description	Fasteners included	SS	SS (kg)
FOE/FTE FC-B40x65	1xM10	74783	0.04



Smart Jig

With this jig you can pre-drill holes in exact positions when cutting tray lengths on site. After modifications, use FRP sealing treatment to maintain the product quality.

Type Description	SS	SS (kg)
FTE-DJ 50/80	74397	0.2

