

FieldSmart[®] Fiber Crossover Multi Purpose (FxMP) Tie Panels



Application

The FieldSmart FxMP Tie Panel provides an in the field configured interconnect or cross-connect environment for 12 to 288 ports of high density fiber in central office/headend environments.

Description

The FieldSmart FxMP Tie Panel is a high density, low-maintenance fiber distribution panel for use in a 19" or 23" (482.60 mm or 584.20 mm) frame. Tie panels are intelligently designed to provide the user with superior fiber access, utilizing craft-friendly radius protected fiber management for routing and deploying fiber jumpers or multi-fiber cables, on both sides of the adapter plate for cross-connect environments. They use a removable adapter plate that mounts on the right side or left side of the panel.

Features and Benefits

Integrity

- RUS listed
- Designed, tested & certified to Telcordia GR-63 & GR-1089 NEBS Level 3
- Designed to comply with Telcordia GR-449
- Certified to Telcordia GR-20 & GR-409
- Optical component configurations use Telcordia GR 1221/1209 compliant devices
- Terminations designed, tested and certified to Telcordia GR-326
- Supports all industry standard singlemode and multimode connectors

Protection

- Front cover is easily removable with no tools needed
- Cable clamp protects against twisting and pistoning at the assembly breakout point
- Top metal protective cover slides out for top protection over the fiber cables

Access

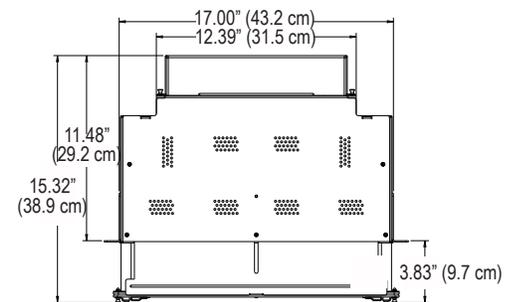
- Front access with removable adapter plates for testing, cleaning and maintenance
- Front and rear access to panel

Investment

- Panel sizes available in 1.75" (44.45 mm) 1RU (24 ports), 3.50" (88.90 mm) 2RU (72 ports), 4" (101.60 mm) (96 ports), 6" (152.40 mm) (144 ports) and 11" (279.40 mm) (288 ports) (*Note: all port counts based on SC adapter style*)
- Industry-leading density, supporting 288 ports SC in 11" (279.40 mm)
- 19" and 23" (482.60 mm and 584.20 mm) reversible mounting brackets for flexibility



Top Protection - Closed



Bulkhead with Slack Basket - Top View
Shown with Short Rods (3.25")

FieldSmart® Fiber Crossover Multi Purpose (FxMP) Tie Panels



Technical Specifications

FieldSmart FxMP Tie Panels					
Port Density	24	72	96	144	288
Dimensions	1.75" H x 17.5" W x 14.40" D (44.45 mm x 444.50 mm x 365.76 mm)	3.5" H x 17.5" W x 14.40" D (44.45 mm x 444.50 mm x 365.76 mm)	4" H x 17.5" W x 14.40" D (44.45 mm x 444.50 mm x 365.76 mm)	6" H x 17.5" W x 14.40" D (44.45 mm x 444.50 mm x 365.76 mm)	11" H x 17.5" W x 14.40" D (44.45 mm x 444.50 mm x 365.76 mm)
Ratings	Fully certified to Telcordia GR-63 and GR-1089 (NEBS 3), GR-449, GR-20 and GR-409				
Cassette Types Supported	N/A				
Connector Types	SC/UPC, SC/APC, LC/UPC, LC/APC				
Splice Capacity	N/A				
Storage Capacity	N/A				
Front Protection	3.25" (82.55 mm) and 4.75" (120.65 mm) radius fingers				
Material	Steel and aluminum with almond or black powder coating				

Configured Part Numbers

Disclaimer/Note: Paper configurator shown is for reference only and should not be used to configure a saleable product configuration. All options shown on paper configurators may not be available or compatible with other options listed. Please contact your Clearfield representative for assistance in product configurations.

G - _____ - _____ - _____ 0 Z - _____ Z Z

1 2 3 4 5 6

1 Select Chassis Size

J = 1.75" (44.45 mm) (1 RU) 24/48 port maximum (SC/LC)
 E = 3.50" (88.90 mm) (2 RU) 72/144 port maximum (SC/LC)
 K = 4" (101.60 mm) 96/192 port maximum (SC/LC)
 G = 6" (152.40 mm) 144/288 port maximum (SC/LC)
 H = 11" (279.40 mm) 288/576 port maximum (SC/LC)

3 Select Color and Rod Size

A = Almond 3.25" (82.55 mm)
 B = Almond 4.77" (121.16 mm)
 C = Black 3.25" (82.55 mm)
 D = Black 4.77" (121.16 mm)

5 Select Connector Style

A = SC/UPC
 C = SC/APC
 F = LC/UPC
 H = LC/APC

2 Select Panel

D = Tie
 J = HD Tie

4 Select Port Count

X X X = port count in increments of 12
 X X X = port count in increments of 24 (HD Version)

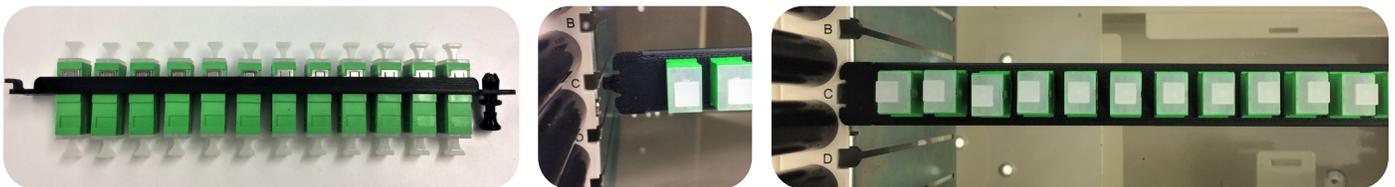
6 Select Rear Protection

A = Slack Basket
 B = Rear Cover

Tie Panel Plates

Tie plates will attach to the panel in a similar manner to cassettes, except instead of sliding a T-rail into one of the panel's slide rails, the hook on the end of the tie plate will insert into the front of the slide rail. Press on the push/pull plunger to secure the tie plate.

Note: Images may not match product received. Fiber routing and protection will remain the same.



FieldSmart® Fiber Crossover Multi Purpose (FxMP) Tie Plate Kit



Pre-Configured Part Numbers - Standard

Part Number	Description
FMA-XXX-169-L	Adapter Plate, FxMP, SM, 12 x SC/UPC, Left Side
FMA-XXX-169-R	Adapter Plate, FxMP, SM, 12 x SC/UPC, Right Side
FMA-XXX-170-L	Adapter Plate, FxMP, SM, 12 x SC/APC, Left Side
FMA-XXX-170-R	Adapter Plate, FxMP, SM, 12 x SC/APC, Right Side
FMA-XXX-171-L	Adapter Plate, FxMP, SM, 12 x LC/UPC, Left Side
FMA-XXX-171-R	Adapter Plate, FxMP, SM, 12 x LC/UPC, Right Side
FMA-XXX-172-L	Adapter Plate, FxMP, SM, 12 x LC/APC, Left Side
FMA-XXX-172-R	Adapter Plate, FxMP, SM, 12 x LC/APC, Right Side

Pre-Configured Part Numbers - High Density

Part Number	Description
FMA-XXX-173-L	Adapter Plate, FxMP, SM, 24 x High Density LC/UPC, Left Side
FMA-XXX-173-R	Adapter Plate, FxMP, SM, 24 x High Density LC/UPC, Right Side
FMA-XXX-174-L	Adapter Plate, FxMP, SM, 24 x High Density LC/APC, Left Side
FMA-XXX-174-R	Adapter Plate, FxMP, SM, 24 x High Density LC/APC, Right Side