

# FieldSmart<sup>®</sup> Fiber Crossover Distribution System (FxDS) Tie Panels



## Application

The FieldSmart FxDS 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 FxDS 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 from Clearview<sup>®</sup> Cassettes.



## Features and Benefits

### Integrity

- RUS listed
- Compliant to Telcordia GR-449, GR-20 and GR-409
- Optical component configurations use Telcordia GR 1221/1209 compliant devices
- Terminations are designed and tested to Telcordia GR-326
- Supports all industry standard singlemode and multimode connectors

### Protection

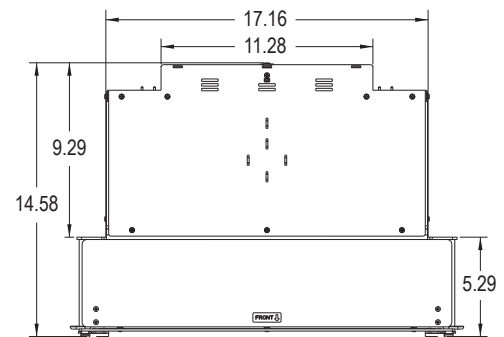
- Ruggedized hinged and removable front cover
- Cable clamp protects against twisting and pistoning at the assembly breakout point

### 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)
- Industry-leading density, supporting 288 ports in 11" (279.40 mm)
- 19" and 23" (482.60 mm and 584.20 mm) mounting brackets for flexibility



Top View with Rear Protection

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## Technical Specifications

FieldSmart FxDS 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	Compliant to Telcordia GR-449				
Cassette Types Supported	N/A				
Connector Types	SC/UPC, SC/APC, LC/UPC, LC/APC, FC/UPC, FC/APC, ST/UPC				
Splice Capacity	N/A				
Storage Capacity	N/A				
Front Protection	4.75" (120.65 mm) radius fingers				
Material	Steel and aluminum with almond powder coating				

## Configured Part Numbers

**G** - - - - - **Z - D A Z** - - - - -

1 2 3 4 5 6

**1 Select Brackets**

N = FxDS – rear protection only  
M = FxDS – front protection only  
P = FxDS – front and rear protection  
R = bulk head only

**3 Select Port Count**

X X X = port count in increments of 12  
Z Z Z = 0 port count

**5 Select Mode**

9 = Multimode adapters  
0 = Singlemode adapters  
Z = 0 adapters

**2 Select Panel Size / Density**

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

**4 Select Adapter**

A = SC/UPC      J = FC/UPC  
C = SC/APC      K = FC/APC  
F = LC/UPC      M = ST/UPC  
H = LC/APC      Z = no adapters

**6 Select Density**

HD = High density

