

# FieldSmart<sup>®</sup> Fiber Crossover Distribution System (FxDS) Tower Access Chassis and Modules



## Application

The FieldSmart FxDS Tower Access Chassis can accommodate up to three tower access modules for a total of up to 36 fibers (18 duplex adapters) of cross-connect with non-intrusive test access ports for live service monitoring, troubleshooting and maintenance all in a small 3RU or 2RU footprint.

## Description

The FieldSmart FxDS Tower Access Chassis is a low maintenance fiber distribution panel for use in a 19" or 23" (482.60 mm or 584.20 mm) frame. Designed to provide the user with superior fiber access and craft-friendly, radius protected fiber management for routing and deploying fiber jumpers. The Tower Access Chassis provides a modular solution which can grow from 12 to 36 fibers (6-18 duplex adapters) of test, radius and physical fiber protection to connect the Base Band Unit (BBU) to the radio antennas, while providing up to 50 feet (15.24 m) of slack storage.

## Features and Benefits

### Integrity

- Compliant to Telcordia GR-449, GR-20 and GR-409
- Terminations are designed and tested to Telcordia GR-326
- Optical components use Telcordia GR 1221/1209 compliant devices

### Protection

- Removable front protection
- Individual radius fingers provide ability to organize and intuitively manage fiber jumpers and minimize cable pile up
- Cable clamps and bridge lance tie downs protect against twisting and pistoning at the assembly breakout point

### Access

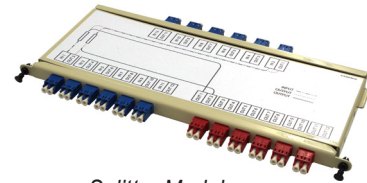
- Tool-less removable rear plate provides access to store up to 50 feet (15.24 m) of cable in the slack storage tray
- Easily identifiable splitters with red adapters provide non-intrusive test ports
- Three cable input mounting points on rear of panel
- Two 12 position staging plates— on the inside of the panel
- Modular ability to remove blank plate and install one to three 12-port modules for up to 36 fibers

### Investment

- Custom labeling for High and Low Band configurations
- Reversible 19" and 23" (482.60 mm and 584.20 mm) mounting brackets for flexibility



Chassis



Splitter Module

# FieldSmart® Fiber Crossover Distribution System (FxDS)

## Tower Access Chassis and Modules



### Technical Specifications

FieldSmart FxDS Tower Access Panel and Module	
Dimensions	2RU: 17.08" W x 3.42" H x 12" D (433.83 mm x 86.87 mm x 304.80 mm) 3RU: 17.08" W x 5.00" H x 12" D (433.83 mm x 127.00 mm x 304.80 mm)
Rack Unit Size	2RU (3.42"; 86.87 mm) and 3RU (5.00"; 127.00 mm)
Port Count	Up to 36 ports (18 duplex adapters of test and access)
Connector Type	LC/UPC
Splitter Type	1 x 2 (50/50 split ratio)
Slack Storage Capacity	Up to 50 feet (15.2 m)
Material	Aluminum and steel with almond powder coating
Mounting Widths	19" and 23" (482.60 mm and 584.20 mm)

### Pre-Configured Part Numbers

Part Number	Description
19216-55	FxDS Tower Access Chassis, 3RU (5.00"; 127.00 mm), 19" and 23" (482.60 mm and 584.20 mm) mounting, modular, up to 3 blank plates
19216-62	FxDS Tower Access Chassis, 2RU (3.42"; 88.87 mm), 19" and 23" (482.60 mm and 584.20 mm) mounting, modular, up to 3 blank plates
19216-58	<p>Splitter Module: 6 blue duplex LC/UPC adapters (12 fibers) and 6 red duplex LC/UPC adapters (12 fibers) on front. Twelve 1 x 2 splitters (50/50) loaded for non-intrusive testing. 6 blue LC/UPC Duplex adapters (12 fibers) on rear of module.</p> <ul style="list-style-type: none"> <li>• Blue Duplex adapters on the front of the module attach to the BBU</li> <li>• Red Duplex adapters on the front of the module are for testing</li> <li>• Blue Duplex adapters on rear of module for incoming cable from the radio</li> </ul>