

FieldSmart® Fiber Crossover Distribution System (FxDS) Node Access Panel and Modules



Application

The FieldSmart FxDS Node Access Panel and Modules provides a 36 port interconnect or cross-connect in a small 2RU or 3RU footprint. The panel is utilized as a demarcation point for up to two radio antenna cables, while providing up to 100 feet (30.48 m) of slack storage, 50 feet (15.24 m) per cable. The FieldSmart Node Access Panel and Modules is used in conjunction with Clearview® Blue Tower Access Panel Cassettes at C-RAN locations, offering non-intrusive test access ports for live service monitoring.

Description

The FieldSmart FxDS Node Access Panel and Modules 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 Node Access Panel provides 36 ports of radius and physical fiber protection to connect the Base Band Unit (BBU) to the radio antennas, while providing up to 100 feet (30.48 m) of slack storage.



Chassis



Module

Features and Benefits

Integrity

- Compliant to Telcordia GR-449, GR-20 and GR-409
- Terminations are designed and tested to Telcordia GR-326

Protection

- Removable front protection
- Individual radius fingers provide organized and intuitively managed fiber jumpers and minimize cable pile up
- Cable clamps and bridge lance tie downs protect against twisting and pistoning at the assembly breakout point
- Multiple clamp sizes to secure various cable types

Access

- Tool-less removable rear plate provides access to store up to 100 feet (30.48 m) of cable in the slack storage tray

Investment

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

Technical Specifications

FieldSmart FxDS Node Access Panel and Module	
Dimensions	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 (3.4"; 86.36 mm) and 3RU (5.00"; 127.00 mm)
Mounting Widths	19" and 23" (482.60 mm and 584.20 mm)
Port Count	Up to 72 ports (36 duplex LC)
Connector Type	LC/UPC
Slack Storage Capacity	Up to 100 feet (30.48 m); 50 feet (15.24 m) per cable
Cable Clamp Sizes	5/16" and 7/16" (7.94 mm and 11.11 mm)
Material	Aluminum and steel with almond powder coating

Pre-Configured Part Numbers

Part Number	Description
19216-55	FxDS Tower Access Chassis, 3RU (5"; 127.00 mm), 19" and 23" mounting, modular 3 blank plates
19216-62	FxDS Tower Access Chassis, 2RU (3.42"; 86.87 mm), 19" and 23" mounting, modular 3 blank plates
19216-59	Node Module, Loaded with 24 Singlemode LC/UPC Adapters