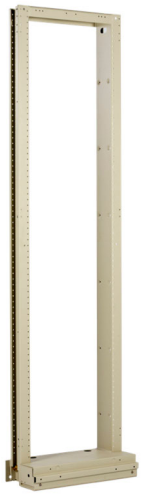
FieldSmart® Fiber Crossover Distribution System (FxDS)
Standard Frames

Application

Frames are used for mounting equipment in central office, head end or data center applications.



Description

FieldSmart FxDS Standard Frames are available in 7’ (2133.60 mm) or 8’ (2438.40 mm) heights and in 19” or 23” (482.60 mm or 584.20 mm) widths. Frames are seismic-rated and come with an unequal flange. When used with FieldSmart FxDS Panels, they provide the highest port density in the industry - up to 1,728 ports in a 7’ (2133.60 mm) frame.

Features and Benefits

Integrity

- Designed to comply to Telcordia GR-449; Seismic rated (Zone 4) GR-63-CORE, Issue 4
- Made from high-strength, low alloy steel that can accommodate up to up to 500 lbs. (226.80 kg)
- EIA mounting - 1.75” (44.45 mm) and WECO mounting - 1” (25.40 mm)
- Front and rear of upright tapped for 12-24 screws

Protection

- Frames can be ordered loaded with panels and cable management as a “rack and stack” solution
- Unequal flange
- Isolation pads are used to provide electrical isolation for FxDS standard seismic frames
- Interbay cable management panel optional

Access

- One frame size accommodates up to 1,728 or 1,152 ports in a PON environment, with full horizontal and vertical slack management support

Investment

- Fully loaded or “grow-as-you-go” integrations allow the user choices to provide for cost containment as subscriber take-rates dictate
- Frame components are used throughout the network from inside plant to outside plant to access networks

Technical Specifications

FieldSmart FxDS Standard Frames	
Dimensions	Available in 7’ or 8’ heights (2133.60 mm, 2438.40 mm or 2743.20 mm) and in either 19” or 23” (482.60 mm or 584.20 mm) widths; depth is 10” (254.00 mm) (5” frame + 5” guard box)
Ratings	Compliant to Telcordia GR-449
Cable Entry Clamp Location	On-frame (*Note: Cable clamps included with FxDS Patch Panels)*
Material	Steel

* Mounting hardware not included. Order separately.

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Pre-Configured Part Numbers

EIA Spacing

Part Number	Description
FMA-A1A-E	19" (482.60 mm) seismic frame, 7' (2133.60 mm) high, CLSD, EIA Universal (⅝" - ⅝" - ½"; 15.88 mm - 15.88 mm - 12.70 mm) hole pattern, almond white
FMA-A2A-E	23" (584.20 mm) seismic frame, 7' (2133.60 mm) high, CLSD, EIA Universal (⅝" - ⅝" - ½"; 15.88 mm - 15.88 mm - 12.70 mm) hole pattern, almond white
FMA-A2C-E	23" (584.20 mm) seismic frame, 8' (2438.40 mm) high, CLSD, EIA Universal (⅝" - ⅝" - ½"; 15.88 mm - 15.88 mm - 12.70 mm) hole pattern, almond white

WECO Spacing

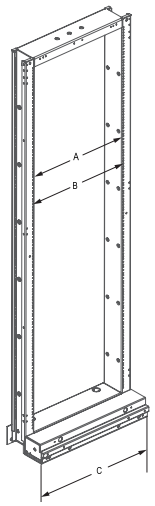
Part Number	Description
FMA-A1A	19" (482.60 mm) seismic frame, 7' (2133.60 mm) high with 1" (25.40 mm) WECO hole spacing, almond white
FMA-A1C-SUB	19" (482.60 mm) seismic frame, 8' (2438.40 mm) high with 1" (25.40 mm) WECO hole spacing, almond white
FMA-A2A	23" (584.20 mm) seismic frame, 7' (2133.60 mm) high with 1" (25.40 mm) WECO hole spacing, almond white
FMA-A2C	23" (584.20 mm) seismic frame, 8' (2438.40 mm) high with 1" (25.40 mm) WECO hole spacing, almond white

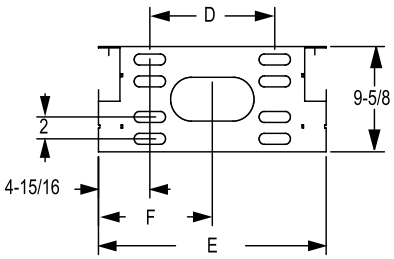
Accessories

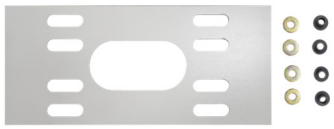
Part Number	Description
009106	Floor Mounting Hardware Kit
FMA-L1Z-SUB	Pad, Isolation, Newton 19in. Frame
FMA-L2Z-SUB	Pad, Isolation, Newton 23in. Frame

Dimension Specifications

Rack	A	B	C	D	E	F
19" (482.60 mm)	17 ½" (444.50 mm)	18 5/16" (481.00 mm)	21 15/16" (557.20 mm)	12" (304.8 mm)	21 ⅞" (555.60 mm)	10 15/16" (277.80 mm)
23" (584.20 mm)	21 ½" (546.10 mm)	22 5/16" (582.61 mm)	25 15/16" (658.80 mm)	16" (406.40 mm)	25 ⅞" (657.20 mm)	12 15/16" (328.60 mm)







FMA-L1Z-SUB