

Ultra-High Fiber Count MPO Patch Frame

Upgrade your data center campus network for unmatched efficiency and performance with our Ultra-High Fiber Count MPO Patch Frame. A high-density solution that improves network reliability, reduces installation costs and accelerates deployment time. Effortlessly consolidate and organize inter-data center links in your Meet Me Room (MMR), External Network Interface (ENI), building entry point or white space.



Features

Land Ultra-High Fiber Count MPO Trunks Into Your Data Center

- Capable of handling up to 6912f in Ultra-High Fiber Count MPO Trunks, with configurations of 2 x 3456f trunks, 4 x 1728f trunks, or 8 x 864f trunks

Ultra-High Fiber Count Demarcation Patch Frame

- Expertly designed to patch an Ultra-High Fiber Count MPO Trunk Cable Assembly and break it out to a high-fiber MPO trunk for indoor distribution.

Comprehensive Cable Management

- Top and side cable management options
- Strain relief brackets for up to 10 incoming and 20 outgoing cables
- Rotatable spool flange for easy cable routing during installation and maintenance
- Sidewall cable management channels for easy cable routing
- Waterfall on patch tray edge for fiber bending protection
- Label tabs on the inside of the front door for efficient network identification

Versatile Installation Options

- Can be wall-mounted, 19-inch rack-mounted, or as a free-standing cabinet to best suit your data center design

12 patch trays with 24 MPO adaptors on each (up to 576f per tray)

- Key-up to key-down adaptors
- Slide-out trays for easy port access
- Vertical adaptor plate design allows easy access to connectors

Benefits

High-Density Connectivity

- Industry-leading fiber density patch solution
- Efficiently manage ultra-high fiber count pre-terminated networks within a compact footprint, maximizing your space utility
- Consolidates and organizes inter-DC links, improving overall network coordination
- Versatile design allows for installation in a variety of locations, including MMR, ENI, points of entry, or white spaces

Cost and Time Efficiency

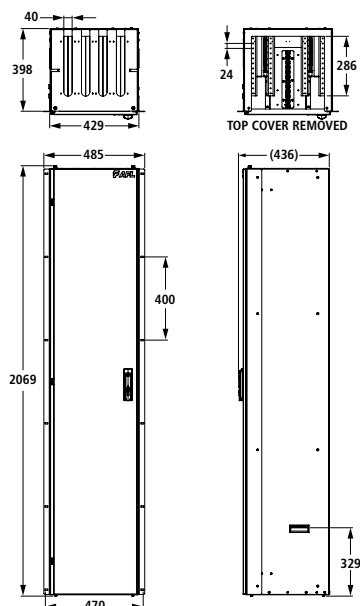
- Save on your bottom line with our solution that significantly reduces installation expenses. Simply routing with fewer cables
- Achieve quicker 'go live' times with our design that simplifies deployment
- Our plug-and-play design ensures fast setup with less specialized installation work required, saving you time and resources

Applications

- Hyperscale Data Centers
- Data Center Interconnect (DCI)
- Colocation Data Centers
- Hyperscale Data halls interconnection
- Cost and Time Efficiency

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Diagram



Specifications

Unit Height	48RU
Capacity	288 or 240 MPO ports
Patch Trays	12 trays for 288 ports version 10 trays for 240 ports version 24 ports each tray
Product Dimensions	Height: 2056.4mm (81.5 inches) Width: 485mm (19 inches) Depth: 414mm (17 inches)
Package Dimensions	Height: 2286 mm (90 inches) Width: 1193 mm (47 inches) Depth: 609 mm (24 inches)
Weight	Product weight: 111kg (245 lbs) Packaged weight (shipped with 2 x cabinets on a pallet): 240kg (530 lbs)
Materials	Steel + Aluminum
Operation Temperature	-40°C to +60°C
Materials compliant to	RoHS, Reach / SVHC, UL 94V-0
Regional Availability	Global

Ordering Information

Description	AFL NO.
AFLHS HC Patch Frame 288 Port MPO 485x445x2069mm GY 7035 (12x 24 Port Tray MPO Key UP/Key Down)	FXHIXDXXX-01CN
AFLHS HC Patch Frame 240 Port MPO 485x445x2069mm GY 7035 (10x 24 Port Tray MPO Key UP/Key Down)	FXHIXDXXX-02CO