UHFC MPO Patch Frame

The UHFC MPO Patch Frame is designed for high density optical fiber interconnection. The upper part of the frame is for cable entry and slack management. Cable brackets at the entry hold inbound and outbound cables. Spools and side rails are available for cable management. The lower part of the frame is for MPO connector patching. There are two variants of 240 ports and 288 ports offered for this patch frame. The 240-port variant is with 10 patch trays, each with 24 MPO adapters. The 288-port variant is with 12 patch trays.

The frame can be installed on standard 19" rack. With the mounting kits provided in the package, it can be floor mounted or wall mounted.
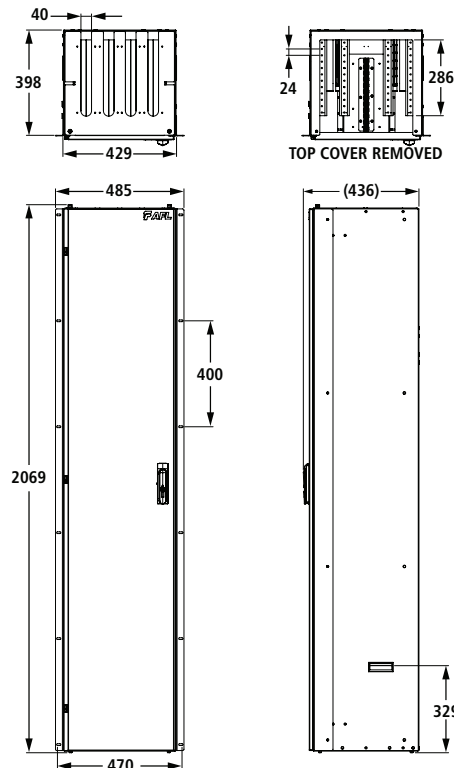
UHFC MPO Patch Frame

MPO Patch Tray

Features

- Top cable entry with 4 cable brackets
- Each bracket supports 12 x 20 mm cable or 6 x 38 mm cable max
- Rotatable spool flange for easier cable routing
- 12 patch trays with 24 MPO adapters each for 288 ports version
- 10 patch trays with 24 MPO adapters each for 240 ports version
- Trays slide out for easy port access
- Key-up to key-down adapters
- Waterfall on patch tray edge for fiber bending protection
- Vertical adapter plate design allows easy access to connectors
- Label tabs on the inside of front door
- Mounts to a standard 19-inch rack
- Floor mount or wall mount kits provided

Applications

- Hyperscale data centers
- Colocation data centers
- Data center interconnection
- Hyperscale data halls interconnection

Diagram

TOP COVER REMOVED

UHFC MPO Patch Frame

Specifications

PARAMETER	VALUE
Dimensions (H x W x D)	2069 x 485 x 445 mm (81.46 x 19.09 x 17.52 inches)
Port Capacity	288 or 240 MPO ports
Rack Mount	19-inch rack, or floor, wall mount (with extra brackets)
Patch Trays	12 trays for 288 ports version and 10 trays for 240 ports version; 24 ports each tray
Cable Entry Bracket	4 brackets
Max. No. of Incoming Cables	12 x 20 mm cable or 6 x 38 mm cable each bracket
Material	Steel + Aluminum
Material Coating	Powder coating
Color	Light Grey

Ordering Information

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

Qualifications

GOVERNING BODY	STANDARD CODES
TIA/EIA	568.C
ISO/IEC	11801
EN	50173
IEC	60304
IEC	61754
RoHS	
Reach/SVHC	

Temperature Specifications

TEMPERATURE RANGE	
Operation Temperature	-40°C to +60°C

Contact AFL for further details.

Fiber Management