

4U Specification Grade Fiber Enclosure >

The 4U Specification Grade Fiber Optic Enclosure is a configurable rack mount unit for storing and terminating incoming fiber cable. The enclosure may be configured with ModLink Cassettes, Fiber/Adapter Plates and Universal Splice Trays.



The enclosures are designed to accommodate both the needs of the installer for the initial assembly and the end user for access, maintenance and fiber protection. Great care has gone into the design to protect fiber optic cables and patch cords from damage and to maintain stable optical integrity throughout the life and use of the enclosure.

The combination of high density/fiber patching with the convenience of ModLink/Modular Splice Cassettes, Adapter plates and Universal Splice Trays results in a flexible, durable and secure rack mount enclosure.

FEATURES AND ADVANTAGES

Accommodates up to 24 ModLink Cassettes which allow for 12-24 fiber connection per cassette, 4 Modular Splice Cassettes which allow 6-24 fiber connections per cassette with various styles of interface adapters

Accommodates up to 24 Adapter Plates, which allow multiple fiber connector options and configurations

Accommodates up to 24 Universal Splice Cassettes with a 24 splice capacity

Incorporates 4 D-shaped side cable entry cutouts

Externally mounted cable strain relief bracket mounts to accommodate cable routing from above or below the enclosures. Strain relief is done outside the enclosure to assist in termination.

Hook and Loop style features incorporated in top and bottom of rear of the enclosure to assist in cable strain relief and slack management

Two sets of cable spools included for fiber slack storage

Lightweight, lockable, and removable aluminum hinged front and rear doors provide security and allow for easy entry to the enclosure for authorized personnel

Wire saddles installed in front top and bottom of enclosure to facilitate patch cord cable management

Labeling field incorporated on hinged, drop-down metal front door for easy access and fiber identification

Copper grounding stud tie down points at each cable entrance point

72 Fiber MTP/MPO Adapter Plate Compatible

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SPECIFICATIONS

Parts List:

Fiber Enclosure (shipped assembled), includes:

- Lockable hinged front and rear doors
- 8 Velcro Straps (3/4" x 8")
- 6 7" Standard Cable Ties
- 4 Fiber Management Rings
- 6 Kep Nuts 6-32
- 4 patch cord management loops on top and bottom
- 2 Fiber Warning Labels
- 4 #12 Phillips pan head screws
- 4 8/32 x 5/16 Phillips Pan Head Screws w/split washer
- 2 Cable Strain Relief Brackets
- 1 Fiber Port ID Label - 6 fiber based
- 1 Fiber Port ID Label - 12 fiber based
- 19" mounting hardware
- Instruction Sheet

Mechanical

- Base & Drawer Unit:** 16 Gauge Cold Rolled Steel
- Top:** 16 Gauge Aluminum
- Thickness:** 1.5mm (.06")
- Finish:** Black Powder Paint
- Cable Spools:** Thermoplastic UL94V-O
- Dimensions (HxWxD):** 181mm x 432mm x 470mm
- Enclosure Weight:** 8kg
- Shipping Weight:** 9.5kg

ORDERING INFORMATION

Order No.	SAP No.	Description
RFR-00204	180660016	144-288 Port Specification Grade Fiber Enclosure - 4U - Metric fixing kit
	180660109	144-288 Port Specification Grade Fiber Enclosure - 4U - US Imperial fixing kit
AFR-00222	180600069	Universal Splice Tray Carrier Kit

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