FEATURES AND SPECIFICATIONS

molex | **144-288 Port 4U Specification Grade Fibre Enclosure**

Features and Benefits

The 4U Specification Grade Fibre Optic Enclosure is a configurable rack mount unit for storing and terminating incoming fibre cable. The enclosure may be configured with ModLink/Modular Splice Cassettes, 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 fibre protection. Great care has gone into the design to protect fibre 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/fibre patching with the convenience of ModLink/Modular Splice Cassettes, Adapter plates and universal splice trays.

- Accommodates up to 24 ModLink Cassettes which allow for 12-24 fibre connection per cassette, 4 Modular Splice Cassettes which allow 6-24 fibre connections per cassette with various styles of interface adapters
- Accommodates up to 24 Adapter Plates, which allow multiple fibre 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 fibre slack storage
- Lightweight, lockable, and removable aluminium 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
- Labelling field incorporated on hinged, drop-down metal front door for easy access and fibre identification
- Copper grounding stud tie down points at each cable entrance point
- 72 Fibre MTP/MPO Adapter Plate Compatible

Technical Information

Mechanical Characteristics

Base & Drawer Unit:	16 Gauge Cold Rolled Steel
Top:	16 Gauge Aluminium
Thickness:	1.5mm (.06")
Finish:	Black Power Paint
Cable Spools:	Thermoplastic UL94V-O

Dimensions (HxWxD):
181mm x 432mm x 470mm

Enclosure Weight: 8kg
Shipping Weight: 9.5kg

Reference Information

Parts List
- Fibre Enclosure (shipped assembled), includes:
  – Lockable hinged front and rear doors
  – 8 Velcro Straps (3/4" x 8")
  – 6 7" Standard Cable Ties
  – 4 Fibre Management Rings
  – 6 Kep Nuts 6-32
  – 4 patch cord management loops on top and bottom
  – 2 Fibre 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 Fibre Port ID Label - 6 fibre based
  – 1 Fibre Port ID Label - 12 fibre based
- 19" mounting hardware
- Instruction Sheet

ORDERING INFORMATION

Order No.	SAP No.	Description
RFR-00204	180660016	144-288 Port 4U Specification Grade Fibre Enclosure
AFR-00222	180600069	Universal Splice Tray Carrier Kit

MOLEX PREMISE NETWORKS