

# Optical Fiber Loaded Enclosures >

The Molex Optical Fiber Loaded Enclosure, accommodating 6-48 fibers, is a 1U rack mount unit for storing and terminating incoming fiber cable. The panel is available in two types: Sliding drawer and Rack (Based on RFR-00082) or Wall mount (Based on WR12/24 series).



## FEATURES AND ADVANTAGES

Configurable, fits up to 12 DSC/QLC Adapters or 4 Angled 6-Pak Adapter Plates

Management rings within system to accommodate excess fiber cordage behind the trough adapters and to maintain fiber bend radius

Accommodates Singlemode and Multimode optical fibers

Adhesive labeling for port identification

Sliding drawer for ease of reconfiguring optical fibers

Rugged steel construction

Accommodates fiber Splice Tray, each tray supports up to 24 fibers

Available in Kit format which includes Adapters (flange mount) & Splice Tray (1pcs AFR-00816)

Adapters, Adapter Plates, Splice Trays and Blank Cover are separately packed inside enclosure during shipment

Includes 1 pcs M20 cable gland, accommodating 7-14mm cable

[www.molex.com/products/fiber/enclosures/](http://www.molex.com/products/fiber/enclosures/)

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## SPECIFICATIONS

### Commercial Standards

UL pending

### Mechanical

**Material:** Cold Rolled Steel (CRS)  
**Finish:** Black Powder Coating  
**Accommodation:** 24 Port (Using Duplex Adapters and 6-Pak Adapter Plates)  
**Field Termination options:**  
 Direct Termination and Fusion Splice

### Environmental

**Work Temperature:** -25°C to +65°C  
**Relative humidity:** ≤85% (+30°C)  
**RoHS Compliant**

### Physical

**Dimensions**  
**Rack/Wall mount type**  
**WR12:**  
**Wall Mount**  
 305mm W x 254mm D x 43mm H  
**Rack Mount**  
 482mm W x 254mm D x 43mm H

**WR24:**  
**Wall Mount**  
 430mm W x 254mm D x 43mm H  
**Rack Mount**  
 482mm W x 254mm D x 43mm H

**6-PAK Sliding drawer type:**  
 485mm W x 225mm D x 45mm H

**Shipping Weight**  
**Wall Mount**  
**WR12:** 2.42kg  
**WR24:** 3.84kg  
  
**Sliding drawer:** 4.12kg

## ORDERING INFORMATION

Order No.	SAP No.	Description
6-PAK series (RFR-00082 with 6-PAK adapter plate and splice tray)		
RFR-00327	180660137	24F LC SM Drawer Enclosure, 2X12F QLC 6-PAK Adapter Plate & Splice Tray Included - Black
RFR-00328	180660138	48F LC SM Drawer Enclosure, 4X12F QLC 6-PAK Adapter Plate & Splice Tray Included - Black
RFR-00329	180660139	24F LC MM Drawer Enclosure, 2X12F QLC 6-PAK Adapter Plate & Splice Tray Included - Black
RFR-00330	180660140	48F LC MM Drawer Enclosure, 4X12F QLC 6-PAK Adapter Plate & Splice Tray Included - Black
RFR-00331	180660141	12F DSC SM Drawer Enclosure, 2X6F DSC 6-PAK Adapter Plate & Splice Tray Included - Black
RFR-00332	180660142	24F DSC SM Drawer Enclosure, 4X6F DSC 6-PAK Adapter Plate & Splice Tray Included - Black
RFR-00333	180660143	12F DSC MM Drawer Enclosure, 2X6F DSC 6-PAK Adapter Plate & Splice Tray Included - Black
RFR-00334	180660144	24F DSC MM Drawer Enclosure, 4X6F DSC 6-PAK Adapter Plate & Splice Tray Included - Black

**NOTE:**  
 \* Accessories such as Adapters or Adapter Plates, Splice Trays, Cable Glands and Installation Hardware kit suitable for the various products will be included in the packaging.  
 \*\* **Optical Fiber Pigtails** are not included in the Loaded Enclosures and **need to be ordered** as per site requirements.

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## ORDERING INFORMATION CONT.D

Order No.	SAP No.	Description
WR12 series (17.C102G-BK with adapter and splice tray)		
RFR-00335	Consult Molex	6F DSC SM Enclosure, Adapter Plate & Splice Tray Included - Black
RFR-00336	Consult Molex	12F DSC SM Enclosure, Adapter Plate & Splice Tray Included - Black
RFR-00337	Consult Molex	6F DSC MM Enclosure, Adapter Plate & Splice Tray Included - Black
RFR-00338	Consult Molex	12F DSC MM Enclosure, Adapter Plate & Splice Tray Included - Black
WR24 series (17.C139G-BK with adapter and splice tray)		
RFR-00340	Consult Molex	24F DSC SM Enclosure, Adapter Plate & Splice Tray Included - Black
RFR-00342	Consult Molex	24F DSC MM Enclosure, Adapter Plate & Splice Tray Included - Black
RFR-00343	Consult Molex	12F QLC SM Enclosure, Adapter Plate & Splice Tray Included - Black
RFR-00344	Consult Molex	24F QLC SM Enclosure, Adapter Plate & Splice Tray Included - Black
RFR-00345	Consult Molex	12F QLC MM Enclosure, Adapter Plate & Splice Tray Included - Black
RFR-00346	Consult Molex	24F QLC MM Enclosure, Adapter Plate & Splice Tray Included - Black

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