

# OptoConnect Rack-Mount 144 Fiber Enclosures and Cassettes



Molex Rack-Mount 144 Fiber Enclosures and Cassettes are designed to meet high-density fiber and cable management needs for data center, storage area network (SAN), local area network (LAN) and central office/headend applications

## Features and Advantages

*Optical Blindmate MPO Adapter Panel*

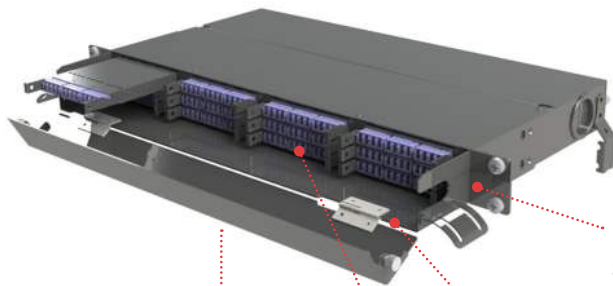


**Pluggable cassette with MTP/MPO interface on rear side**

Decreases labor time and costs. Eases cable management and cassette plug-in/pull-out

**Rack-mounted enclosure has a powder coated steel construction**

Offers durability and protection to ensure reliable performance



**1RU enclosure supports 144 fiber LC capacity**

Support industry-leading density in the chassis

**19-inch rack-mount chassis**

Compliant with Electronic Industries Alliance (EIA), Electronic Components Association (ECA), European Telecommunications Standards Institute (ETSI)

**Modular, scalable design**

Provides flexibility for network partitioning and future growth



## Markets and Applications

**Data Centers and Telecommunications/Networking**

- Local area networks (LANs)
- Wide area networks (WANs)
- Storage area networks (SANs)
- Cable distribution/management
- 10-, 40- and 100-Gbps system migration
- Switches
- Routers
- Servers
- Cloud computing
- Cable television construction
- FTTX construction
- Video transmission systems

### Premium Patch Cord Options

**Options For Front Of The Cassette**



Unitboot LC Connector



Adjustable Bending Boot Iron Wire Can Adjust the Angle

**Option Rear Of The Cassette**



MPO Push-Pull Tab

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**molex**

## Specifications

### REFERENCE INFORMATION

Packaging: Carton  
Front Rear Interface: LC/MPO/MTP  
Fiber Capacity: 144 LCs  
Cassette Installation:  
Accommodates up to 12

### ENVIRONMENT

Operating Temperature: -40 to +75 °C  
RoHs 6 Compliance

### MECHANICAL

Dimension (Width x Depth x Height):  
1RU — 430mm x 282mm x 44.00mm  
Material: SPCC  
Finish: Powder Coating  
Enclosure Color: Black  
Cassette Color: Metallic/Black

### PHYSICAL

Housing: Metal Box  
Fiber Type: SM/OM3/OM4  
LC Adapter Color: Blue/Aqua  
MPO/MTP Adapter Color: Black

## Ordering Information

Series No.	Product Description
106480-0001	1RU 144F Rack Mount for 12* Slim MPO/MTP-LC Cassette
106481-000X*	OM3, 12F MTP (Male, Standard) to 12*LC Fanout Slim Cassette
86295-262X*	LC Angle Boot Cable Assemblies
106481-005X*	Uni-Boot Duplex LC Cable Assemblies

\* Additional attributes available

[www.molex.com/link/fiberenclosures.html](http://www.molex.com/link/fiberenclosures.html)

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