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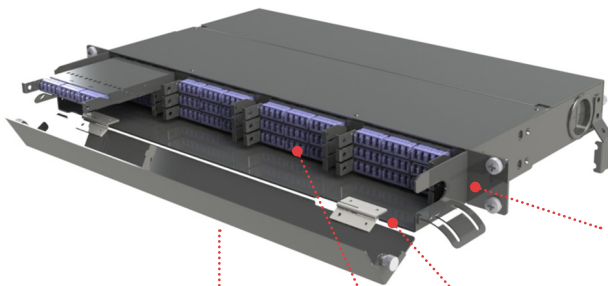
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Molex Rack-Mount 144 Fiber Enclosures and Cassettes are designed to meet high-density fiber and cable management needs for data center, storage area network (SAN), local area network (LAN) and central office/headend applications

Features and Advantages

Optical Blindmate MPO Adapter Panel

Pluggable cassette with MTP/MPO interface on rear side
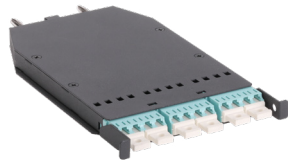Decreases labor time and costs. Eases cable management and cassette plug-in/pull-out

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
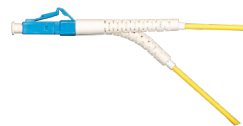
Data Centers and Telecommunications/Networking

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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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