

Important Note

24-Fiber MTP port designed for 100GBASE-SR10, CFP, CXP, Parallel Optics connectivity. Guaranteed compatibility when used with recommended cabling. Cassette designed specifically for use with N820-, N821-, and N846-Series cables.

100Gb/120Gb to 10Gb Breakout Cassette, 24-Fiber OM4 MTP/MPO (Male with Pins) to (x12) LC Duplex

MODEL NUMBER: **N484-1M24-LC12**



Description

The N484-1M24-LC12 is a high-density 100/120 Gb to 10 Gb Breakout Cassette with (x12) LC connections to a 24-Fiber, OM4, MTP/MPO connection. For use with N484-00U and N484-01U chassis. You can connect up to four cassettes per N484-01U or one per N484-00U. Supports 100/120 GbE, internally using OM4 fiber optic cable, with an extremely low insertion loss of 0.35db that is well under the IEEE 802.3ae maximum channel loss spec of <25db. Effectively trunks 24-fibers between IDFs and MDFs with a single 24-fiber MTP/MPO cable, breaking out to (x12) LC Duplex fiber connections. 24-fiber MTP port designed for 100GBASE-SR10, CFP, CXP, Parallel Optics connectivity. Guaranteed compatibility when used with recommended cabling. Cassette designed specifically for use with N820-, N821-, and N846-Series cables. Installation is simple, with the cassette being easily installed or removed using screw tabs to lock or unlock it from the panel; no tools required. Furthermore, each cassette features factory-terminated connectors that reduce the time and labor required of field connector terminations. Cassette housing made with heavy-duty 1.0mm cold-rolled steel.

Features

- High Density Fiber Cassette for use with N484-00U and N484-01U chassis'
- 100/120Gb to 10 Gb Breakout Cassette, with (x12) LC connections to a 24-Fiber OM4 MTP/MPO connection
- 24-Fiber MTP port designed for 100 GbASE-SR10, CFP, CXP, Parallel Optics connectivity
- Guaranteed compatibility when used with recommended cabling
- Cassette Designed specifically for use with N820-, N821-, and N846-Series cables
- Complies with IEEE 802.3ae (10 GbE) and ANSI T11.2 (Fibre Channel) requirements
- Max insertion loss of 0.35dB falls well under the IEEE 802.3ae maximum channel loss spec of <25dB
- Housing made of heavy duty, 1.0mm Cold Rolled Steel
- Includes dust caps for unused ports

Highlights

- High Density Fiber Cassette for use with N484-00U and N484-01U chassis'
- 100/120Gb to 10Gb Breakout Cassette, with (x12) LC connections to a 24-Fiber MTP/MPO connection (Male w/Pins)
- 24-Fiber MTP port designed for 100GBASE-SR10, CFP, CXP, Parallel Optics connectivity
- Guaranteed compatibility when used with recommended cabling
- Cassette designed specifically for use with cables, such as the N820-, N821-, and N846-Series cables
- Complies with IEEE 802.3ae (10GbE) and ANSI T11.2 (Fibre Channel) requirements
- Max insertion loss of 0.35dB falls well under the IEEE 802.3ae maximum channel loss spec of <25dB

System Requirements

- 24-Fiber MTP port designed for 100GBASE-SR10, CFP, CXP, Parallel Optics connectivity
- Guaranteed compatibility when used with recommended cabling
- Cassette designed specifically for use with N820-, N821-, and N846-Series cables

Package Includes

- N484-1M24-LC12 100/120Gb to 10Gb Breakout Cassette, 24-Fiber OM4 MTP/MPO to (x12) LC Duplex
- Quick Start Guide



Powering Business Worldwide

TRIPP LITE
SERIES

Specifications

OVERVIEW	
UPC Code	037332187178
Technology	Multimode
CONNECTIONS	
Number of Ports	12
Side A - Connector 1	24F MTP/MPO (MALE)
Side B - Connector 1	LC DUPLEX (FEMALE)
PHYSICAL	
Color	Black
Shipping Dimensions (hwd / in.)	5.91 x 7.68 x 1.57
Shipping Dimensions (hwd / cm)	15.01 x 19.51 x 3.99
Shipping Weight (lbs.)	0.84
Shipping Weight (kg)	0.38
Unit Dimensions (hwd / in.)	1.200 x 3.500 x 4.700
Unit Weight (lbs.)	0.7
Unit Weight (kg)	0.32
ENVIRONMENTAL	
Operating Temperature Range	-4° to 122°F (-20° to 50°C)
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; REACH
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

1000 Eaton Boulevard
Cleveland, OH 44122
United States
<https://triplite.eaton.com>

© 2025 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.