

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

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

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



### Description

Tripp Lite's N484-1M24-LC12 is a High Density 100/120Gb to 10Gb Breakout Cassette with (x12) LC connections to a 24-Fiber, OM4, MTP/MPO connection. For use with Tripp Lite's [N484-00U](#) and [N484-01U](#) chassis, you can connect up to 4 cassettes per [N484-01U](#), or 1 per [N484-00U](#). Supports 100/120GbE, 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 IDF's and MDF's 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 Tripp Lite cabling. Cassette designed specifically for use with Tripp Lite cables, such as the 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 Tripp Lite's [N484-00U](#) and [N484-01U](#) chassis'
- 100/120Gb to 10Gb Breakout Cassette, with (x12) LC connections to a 24-Fiber OM4 MTP/MPO connection
- 24-Fiber MTP port designed for 100GBASE-SR10, CFP, CXP, Parallel Optics connectivity
- Guaranteed compatibility when used with recommended Tripp Lite cabling
- Cassette designed specifically for use with Tripp Lite 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

### Highlights

- High Density Fiber Cassette for use with Tripp Lite's [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 Tripp Lite cabling
- Cassette designed specifically for use with Tripp Lite cables, such as the N820-, N821-, and N846-Series cables
- Complies with IEEE 802.3ae (10GbE) and ANSI T11.2 (Fibre Channel) requirements
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### System Requirements

- 24-Fiber MTP port designed for 100GBASE-SR10, CFP, CXP, Parallel Optics connectivity
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### Package Includes

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



- Housing made of heavy duty, 1.0mm Cold Rolled Steel
- Includes dust caps for unused ports

• Quick Start Guide

## Specifications

PHYSICAL	
Unit Dimensions (hwd / in.)	1.4 x 4.4 x 3.8
Unit Weight (lbs.)	0.7
Unit Weight (kg)	0.32
Color	Black
ENVIRONMENTAL	
Operating Temperature Range	-4 to 122 F (-20 to 50 C)
CONNECTIONS	
Ports	12
Side A - Connector 1	24-STRAND MTP (MALE)
Side B - Connector 1	(12) LC DUPLEX (FEMALE)
CERTIFICATIONS	
Approvals	RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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<https://www.tripplite.com/products/product-certification-agencies>