

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
- 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
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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>