

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 with 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

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

#### Package Includes

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

## Specifications

| OVERVIEW                        |                           |
|---------------------------------|---------------------------|
| UPC Code                        | 037332187178              |
| PHYSICAL                        |                           |
| 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.)     | 1.4 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            | LC DUPLEX (FEMALE)        |
| FEATURES & SPECIFICATIONS       |                           |
| Technology                      | Multimode; MTP/MPO        |
| CERTIFICATIONS                  |                           |
| Approvals                       | RoHS, REACH               |
| WARRANTY                        |                           |



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|--|---------------------------|
| Product Warranty Period<br>(Worldwide) | Lifetime limited warranty |
|--|---------------------------|

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