

100Gb/120Gb to 10Gb Breakout Cassette, 24-Fiber OM4 MTP/MPO 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. Designed specifically for use with Tripp Lite's [N484-00U](#) and [N484-01U](#) chassis'; 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. 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
- 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
- Type A MTP/MPO adapters(Key up to Key down)
- Housing made of heavy duty, 1.0mm Cold Rolled Steel
- Includes dust caps for unused ports

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
- Internal OM4 wiring
- 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

Package Includes

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

Specifications

| PHYSICAL | |
|-----------------------------|-----------------|
| Unit Dimensions (hwd / in.) | 1.4 x 4.4 x 3.8 |
| Unit Weight (lbs.) | 0.7 |



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|-------------------------------------|---------------------------|
| Color | Black |
| ENVIRONMENTAL | |
| Operating Temperature Range | -4 to 122 F (-20 to 50 C) |
| CONNECTIONS | |
| Ports | 12 |
| Side A - Connector 1 | 24-STRAND MTP (FEMALE) |
| Side B - Connector 1 | (12) LC DUPLEX (FEMALE) |
| CERTIFICATIONS | |
| Approvals | RoHS, REACH |
| WARRANTY | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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