

Guaranteed compatibility when used with recommended Tripp Lite cabling. Designed specifically for use with Tripp Lite cables, such as the N820- and N821-Series cables

## OM4 Fiber Breakout Cassette w/Built-In MTP Cables, 40 GB to 10 GB, (x3) 8-Fiber OM4 MTP/MPO to (x12) LC Duplex

MODEL NUMBER: **N482-3M8L12-B**



### Description

The N482-3M8L12-B OM4 Fiber Breakout Cassette works in tandem with Tripp Lite's [N482-01U](#) or [N482-02U](#) chassis to connect 12 LC duplex fiber cables with three 8-fiber MTP/MPO connections in high-density network applications. The cassette features three built-in 2-meter 8-fiber MTP cables. Color-coded magenta OM4 cables are easily distinguished from traditional aqua OM3 multimode fiber.

The cassette's modular design installs easily in the [N482-01U](#) and [N482-02U](#) chassis with no tools required. Just insert the cassette into the chassis, and screw in its retention clips to secure it. Plug LC patch cables, such as Tripp Lite's [N820-01M-T](#) cables, into the cassette using the convenient push/pull tabs. Up to five N482-3M8L12-B cassettes fit in the [N482-01U](#) 1U enclosure panel, and up to 14 cassettes fit in the [N482-02U](#) 2U sleeve. Dust tabs protect unused ports from potential damage. Guaranteed compatibility when used with recommended Tripp Lite cabling. Designed specifically for use with Tripp Lite cables, such as the N820- and N821-Series cables

The N482-3M8L12-B complies with IEEE 802.3ae (10 GbE) and ANSI T11.2 (Fibre Channel) requirements. Supports 40 GbE internally using OM4 fiber optic cable. Ideal for QSFP fabric switches that use eight out of 12 available MTP fibers for four-lane parallel optics to 40 GB, allowing all 12 LC duplex cassette ports to be used. Maximum insertion loss of 0.35 dB falls well under the IEEE 802.3ae maximum channel loss specification of <25 dB. This cassette also supports devices of varying speeds, including 10 GB and 40 GB network equipment.

With factory-terminated connectors that reduce time and labor, the N482-3M8L12-B is made from only the finest materials to ensure fast installations and optimal performance.

### Features

### Highlights

- For use with Tripp Lite [N482-01U](#) or [N482-02U](#) chassis
- 3 magenta built-in 2-meter 8-fiber MTP multimode cables
- Guaranteed compatibility when used with recommended Tripp Lite cabling
- Designed specifically for use with Tripp Lite cables, such as the N820- and N821-Series cables
- Factory-terminated OM4 connectors
- Supports 40 GbE internally using OM4 fiber optic cable
- Simple installation with no tools required

### System Requirements

- QSFP switches that use 8-fiber per port to support 4 x LC 10 GB breakout
- Guaranteed compatibility when used with recommended Tripp Lite cabling
- Designed specifically for use with Tripp Lite cables, such as the N820- and N821-Series cables

### Package Includes

- N482-3M8L12-B OM4 Fiber Breakout Cassette
- Owner's manual



#### Elegant, Simple Solution for 40 GB to 10 GB LC Cable Connections

- High-density fiber cassette for use with Tripp Lite [N482-01U](#) and [N482-02U](#) fiber enclosure panels
- 3 magenta built-in 2-meter 8-fiber MTP multimode cables
- Connect up to 12 LC duplex fiber cables with 3 8-fiber OM4 MTP/MPO connections
- Recommended for use with QSFP fabric switches to support 4 lanes parallel to 40 GB
- Supports 40 GbE internally using OM4 fiber optic cable
- Guaranteed compatibility when used with recommended Tripp Lite cabling
- Designed specifically for use with Tripp Lite cables, such as the N820- and N821-Series cables

#### Simple Fiber Installations Save Time and Money

- Easy installation with no tools required
- Install up to 14 cassettes in [N484-02U](#) 2U chassis
- Install up to 5 cassettes in [N484-01U](#) 1U chassis

#### Easy to Modify, Upgrade or Expand Fiber Infrastructure By Adding or Swapping Cassettes

- Complies with IEEE 802.3ae (10 GbE) and ANSI T11.2 (Fibre Channel) requirements
- 0.35 dB maximum insertion loss falls under IEEE 802.3ae maximum channel loss spec of <25 dB
- Supports devices of varying speeds, including 10 GB and 40 GB network equipment

#### Premium Construction for Optimal Performance

- Factory-terminated connectors reduce time and labor
- Dust caps protect unused ports

## Specifications

CONNECTIONS	
Ports	12
Side A - Connector 1	(3) 8-STRAND MTP (MALE)
Side B - Connector 1	(12) LC DUPLEX (FEMALE)
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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