

- Guaranteed compatibility with recommended Tripp Lite cabling, including the N820-, N821-, N844-, N845- and N858 Series cables
- 8-fiber MTP ports are Polarity B, optimized for parallel optics and Base-8 Connectivity

## 40/100Gb Breakout Cassette, 40Gb to 4 x 10Gb, 100Gb to 4 x 25Gb, (x3) 8-Fiber MTP/MPO to (x12) LC Duplex, Type-B Polarity

MODEL NUMBER: **N484-3M8-LC12**



Installs in select Tripp Lite fiber chassis to connect 12 duplex LC fiber cables with three 8-fiber MTP/MPO connections in high-density network applications.

### Description

The N484-3M8-LC12 40/100Gb to 10/25Gb Breakout Cassette works in tandem with Tripp Lite's N484-01U or N484-00U chassis to connect 12 LC duplex fiber cables with three 8-fiber MTP/MPO connections in high-density network applications. It's compatible with recommended Tripp Lite cabling, including the N820-, N821-, N844-, N845- and N858 Series. Its 8-fiber MTP ports are Polarity B, optimized for parallel optics and Base-8 connectivity.

The cassette's modular design installs easily in the N484-01U and N484-00U 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 cable's convenient push/pull tabs. Up to four N484-3M8-LC12 cassettes fit in the N484-01U 1U enclosure panel, and one cassette fits in the N484-00U 0U sleeve. Dust tabs protect unused ports from potential damage.

The N484-3M8-LC12 complies with IEEE 802.3ae (10 GbE) and ANSI T11.2 (Fibre Channel) requirements. Supports 40 GbE internally using OM4 fiber optic cable. Base-8 Fiber compatible with both QSFP+ 40GBASE-SR4 to SFP+ 10GBASE-SR and QSFP28 100GBASE-SR4 to SFP28 25GBASE-SR connections. 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 10Gb, 25Gb, 40Gb and 100Gb network equipment.

### Features

**Elegant, Simple Solution for 40Gb to 10Gb, or 100Gb to 25Gb, LC Cable Connections**High-density fiber cassette for use with Tripp Lite N484-01U and N484-02U fiber enclosure panelsConnect up to twelve LC duplex fiber cables with three 8-fiber MTP/MPO connectionsIdeal for use with QSFP fabric switches to support 4 lanes parallel to 40 GBSupports 40 GbE internally using OM4 fiber optic cableBase-8 Fiber compatible with both QSFP+ 40GBASE-SR4 to SFP+ 10GBASE-SR and QSFP28 100GBASE-SR4 to

### Highlights

- For use with Tripp Lite N484-01U or N484-00U chassis
- Simple installation with no tools required
- Factory-terminated connectors
- Supports 40 GbE internally using OM4 fiber optic cable
- Base-8 Fiber compatible with both QSFP+ 40GBASE-SR4 to SFP+ 10GBASE-SR and QSFP28 100GBASE-SR4 to SFP28 25GBASE-SR connections
- Designed for use with recommended Tripp Lite cabling

### System Requirements

- QSFP switches that use 8-fiber per port to support 4 x LC 10 GB breakout
- Guaranteed compatibility with recommended Tripp Lite cabling, including the N820-, N821-, N844-, N845- and N858 Series cables
- 8-fiber MTP ports are Polarity B, optimized for parallel optics and Base-8 Connectivity

### Package Includes

- 40/100Gb Breakout Cassette, 40Gb to 4 x 10Gb, 100Gb to 4 x 25Gb, (x3) 8-Fiber OM4 MTP/MPO to (x12) LC Duplex
- Quick Start Guide

SFP28 25GBASE-SR connections 8-fiber MTP ports are Polarity B, optimized for parallel optics and Base-8 connectivity

**Designed Specifically for Use with Tripp Lite Cabling** Guaranteed compatibility with recommended Tripp Lite cables, including N820-, N821-, N844-, N845- and N858 Series

**Simple Fiber Installations Save Time and Money** Easy installation with no tools required. Installs neatly in N484-00U 0U chassis. Install up to 4 cassettes in N484-01U 1U enclosure panel

**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 10Gb, 25Gb, 40Gb and 100Gb network equipment

**Premium Construction for Optimal Performance** Heavy-duty cold-rolled steel construction. Factory-terminated connectors reduce time and labor. Dust caps protect unused ports

## Specifications

OVERVIEW	
UPC Code	037332191366
Technology	Multimode; MTP/MPO
PHYSICAL	
Shipping Dimensions (hwd / cm)	4.06 x 19.56 x 14.99
Shipping Dimensions (hwd / in.)	1.60 x 7.70 x 5.90
Shipping Weight (kg)	0.44
Shipping Weight (lbs.)	0.97
CONNECTIONS	
Ports	12
Side A - Connector 1	8-STRAND MTP (MALE)
Side B - Connector 1	LC DUPLEX (FEMALE)
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty

© 2021 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: <https://www.tripplite.com/products/product-certification-agencies>