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

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

Highlights
- For use with Tripp Lite N484-01U or N484-00U chassis
- Simple installation with no tools required
- Factory-terminated OM4 connectors
- Supports 40 GbE internally using OM4 fiber optic cable
- Complies with IEEE 802.3ae and ANSI T11.2 requirements

System Requirements
- QSFP switches that use 8-fiber per port to support 4 x LC 10 GB breakout

Package Includes
- 40 GB to 10 GB Breakout Cassette, (x3) 8-Fiber OM4 MTP/MPO to (x12) LC Duplex
- Quick Start Guide

Description

The N484-3M8-LC12 OM4 40 GB to 10 GB Breakout Cassette works in tandem with Tripp Lite's N484-01U or N484-00U chassis to connect 12 LC fiber cables with three 8-fiber MTP/MPO connections in high-density network applications.

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. MTP/MPO adapters are Type B key-up to key-up. 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. 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 a heavy-duty steel housing and factory-terminated connectors that reduce time and labor, the N484-3M8-LC12 is made from only the finest materials to ensure fast installations and optimal performance.

Features

Elegant, Simple Solution for 40 GB to 10 GB LC Cable Connections
- High-density fiber cassette for use with Tripp Lite N484-01U and N484-02U fiber enclosure panels
- Connect up to twelve LC duplex fiber cables with three 8-fiber OM4 MTP/MPO connections
- Ideal for use with QSFP fabric switches to support 4 lanes parallel to 40 GB
- Supports 40 GbE internally using OM4 fiber optic cable

Simple Fiber Installations Save Time and Money

- Easy installation with no tools required
- Type B MTP/MPO key-up to key-up adapters
- 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 10 GB and 40 GB 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

CONNECTIONS	
Ports	12
Side A - Connector 1	(2) 12-STRAND MTP (FEMALE)
Side B - Connector 1	(12) LC DUPLEX (FEMALE)

WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty