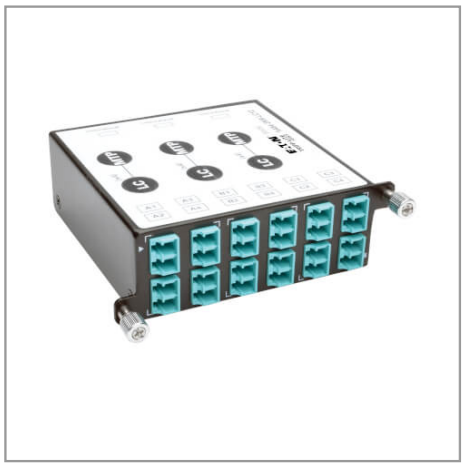
Important Note

Guaranteed compatibility with recommended 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 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 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 Ethernet cables, such as 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 40 Gb to 10 Gb, or 100 Gb to 25 Gb, LC Cable Connections High-density fiber cassette for use with 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+ 40 GbASE-SR4 to SFP+ 10 GbASE-SR and QSFP28 100 GbASE-SR4 to SFP28 25 GbASE-SR connections8-fiber MTP ports are Polarity B, optimized for parallel optics and Base-8 connectivity

Highlights

- For use with 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 cabling

System Requirements

- QSFP switches that use 8-fiber per port to support 4 x LC 10 GB breakout
- Guaranteed compatibility with recommended cabling, including 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

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

Simple Fiber Installations Save Time and Money Easy installation with no tools requiredInstalls neatly in N484-00U 0U chassisInstall 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) requirements0.35 dB maximum insertion loss falls under IEEE 802.3ae maximum channel loss spec of <25 dBSupports devices of varying speeds, including 10 Gb, 25 Gb, 40 Gb and 100 Gb network equipment

Premium Construction for Optimal Performance Heavy-duty cold-rolled steel constructionFactory-terminated connectors reduce time and laborDust caps protect unused ports

Specifications

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

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

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