

#### Important Note

Guaranteed compatibility with recommended cabling, including N370- and N390-Series. 8-fiber MTP ports are Polarity B, optimized for parallel optics and Base-8 connectivity.

## 40/100Gb Singlemode Fiber Breakout Cassette, 40Gb to 4 x 10Gb, 100Gb to 4 x 25Gb, (x3) 8-Fiber MTP/MPO (APC) to (x12) LC (UPC) Duplex 9/125, N484 Chassis

MODEL NUMBER: N484-3M8L12S



Singlemode fiber cassette installs in Tripp Lite N484-Series chassis to connect 12 duplex LC fiber cables with three 8-fiber MTP/MPO (APC) connections in high-density network applications.

#### Description

The N484-3M8L12S 9/125 Singlemode Fiber Optic 40/100 Gb to 10/25 Gb Breakout Cassette works in tandem with the N484-01U or N484-00U chassis (sold separately) to join 12 duplex LC fiber cables with three 8-fiber MTP/MPO connections. Ideal for interconnecting any combination of 10 Gb, 25 Gb, 40 Gb and 100 Gb network equipment in a simple, elegant and highly flexible way, it's compatible with recommended cabling, including the N370- and N390-Series. Its 8-fiber MTP ports are Polarity B, optimized for parallel optics and Base-8 connectivity.

The fiber optic cassette installs easily in the N484-01U and N484-00U chassis with no tools required. Just insert the cassette into the chassis, and tighten its retention clips to secure it. Plug LC Ethernet cables, such as N370- and N390-Series cables (sold separately), into the cassette using the cables' convenient push/pull tabs. Up to four cassettes fit into the N484-01U 1U enclosure panel, and one cassette fits into the N484-00U 0U sleeve. Dust tabs protect unused ports from potential damage.

The modular design makes it easy to modify, upgrade or expand your infrastructure as your needs grow. If you need to change out a single cassette, you can do so without replacing the panel or removing other cassettes. Because this system supports devices of varying speeds, you can mix and match 10 Gb, 25 Gb, 40 Gb and 100 Gb network equipment. The fiber cassette supports 40/100 GbE internally using singlemode fiber optic cables and is ideal for QSFP fabric switches that use eight out of 12 available MTP fibers for four-lane parallel optics to 40/100 Gb.

The N484-3M8L12S complies with IEEE 802.3ae (10 GbE) and ANSI T11.2 (Fibre Channel) requirements. Maximum insertion loss of 0.35 dB falls well under the IEEE 802.3ae maximum channel loss specification of <25 dB.

#### Features

**Elegant, Simple Solution for 40/100 Gb to 10/25 Gb LC Cable Connections**High-density singlemode fiber cassette for use with N484-01U and N484-00U fiber enclosure panelsBreaks out three 8-fiber MTP/MPO connections into 12 duplex LC fiber cablesPerfect for use with QSFP fabric switches to support 4 lanes parallel to 40 GbSupports 40/100 GbE internally using singlemode fiber optic cable8-fiber MTP

#### Highlights

- For use with N484-01U or N484-00U chassis
- Simple installation with no tools required
- Factory-terminated singlemode connectors reduce installation time
- Supports 40/100 GbE internally using singlemode fiber optic cable
- Optimized for parallel optics and Base-8 connectivity

#### System Requirements

- QSFP switches that use 8-fiber per port to support 4 x LC 10 Gb breakout
- Guaranteed compatibility with recommended cabling, including N370- and N390-Series
- 8-fiber MTP ports are Polarity B, optimized for parallel optics and Base-8 connectivity

#### Package Includes

- N484-3M8L12S 9/125 Singlemode Fiber Optic 40/100 Gb to 10/25 Gb Breakout Cassette
- Quick Start Guide



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ports are Polarity B, optimized for parallel optics and Base-8 connectivity

**Designed Specifically for Use with Cabling**Guaranteed compatibility with recommended cables, including N370- and N390-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 panelSupports devices of varying speeds, including 10 Gb, 25 Gb, 40 Gb and 100 Gb network equipment

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

**Cassettes**Futureproof-friendly modular design allows removal of cassette without replacing panel or removing other cassettesComplies 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 dB

**Premium Construction for Optimal Performance**Durable plastic constructionFactory-terminated connectors reduce installation time and labor costsDust caps protect unused ports

## Specifications

OVERVIEW	
UPC Code	037332205759
Technology	Singlemode
CONNECTIONS	
Number of Ports	12
Side A - Connector 1	8F MTP/MPO (MALE)
Side B - Connector 1	LC DUPLEX (FEMALE)
PHYSICAL	
Unit Dimensions (hwd / in.)	4.720 x 3.460 x 1.180
STANDARDS & COMPLIANCE	
Product Compliance	RoHS
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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