Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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Guaranteed compatibility when used with recommended Tripp Lite cabling. Designed specifically for use with Tripp Lite cables, such as the N370-series cables.

40/100Gb Fiber Breakout Cassette with Built-In MTP Cables, 40Gb to 4 x 10Gb, 100Gb to 4 x 25Gb, (x3) 8-Fiber Singlemode MTP/MPO to (x12) LC Duplex 8.3/125

MODEL NUMBER: **N482-3M8L12S-B**
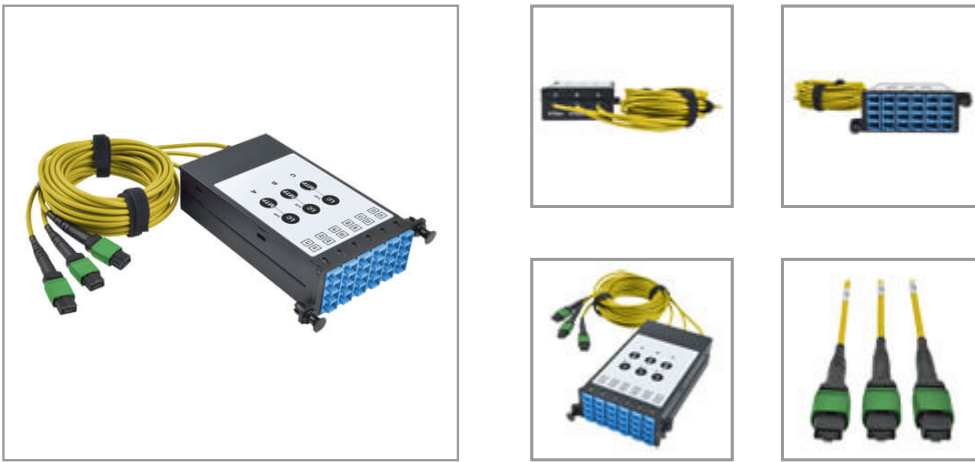
Installs in select Tripp Lite fiber chassis to connect 12 LC duplex fiber cables with three 8-fiber MTP/MPO connections in high-density network applications.

Description

The N482-3M8L12S-B 8.3/125 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 yellow singlemode 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 N370-series cables, into the cassette. Up to five N482-3M8L12S-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 N370-series cables.

The N482-3M8L12S-B complies with IEEE 802.3ae (10 GbE) and ANSI T11.2 (Fibre Channel) requirements. Supports 40 GbE internally using 8.3/125 singlemode 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 10Gb, 25Gb, 40Gb and 100Gb network equipment.

With factory-terminated connectors that reduce time and labor, the N482-3M8L12S-B is made from only the finest materials to ensure fast installations and optimal performance.

Features
Elegant, Simple Solution for 40Gb to 10Gb, or 100Gb to 25Gb, LC Cable Connections

Highlights

- For use with Tripp Lite N482-01U or N482-02U chassis
- 3 yellow built-in 2-meter 8-fiber MTP singlemode cables
- Guaranteed compatibility when used with recommended Tripp Lite cabling
- Designed specifically for use with Tripp Lite cables, such as the N370-series cables
- Factory-terminated connectors
- Supports 40 GbE internally using 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 N370-series cables

Package Includes

- N482-3M8L12S-B 8.3/125 Fiber Breakout Cassette
- Owner's manual

- High-density fiber cassette for use with Tripp Lite N482-01U and N482-02U fiber enclosure panels

- 3 yellow built-in 2-meter 8-fiber MTP singlemode cables

- Connect up to 12 LC duplex fiber cables with 3 8-fiber MTP/MPO connections

- Recommended for use with QSFP fabric switches to support 4 lanes parallel to 40 GB

- Supports 40 GbE internally using 8.3/125 singlemode fiber optic cable

- Guaranteed compatibility when used with recommended Tripp Lite cabling

- Designed specifically for use with Tripp Lite cables, such as the N370-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 10Gb, 25Gb, 40Gb and 100Gb network equipment

Premium Construction for Optimal Performance

- Factory-terminated connectors reduce time and labor

- Dust caps protect unused ports

Specifications

OVERVIEW	
UPC Code	037332200860
Technology	MTP/MPO; SFP+/QSPP+/QSFP28; Singlemode

PHYSICAL	
Shipping Dimensions (hwd / in.)	2.00 x 13.20 x 4.40
Shipping Dimensions (hwd / cm)	5.08 x 33.53 x 11.18
Shipping Weight (lbs.)	0.50
Shipping Weight (kg)	0.23

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