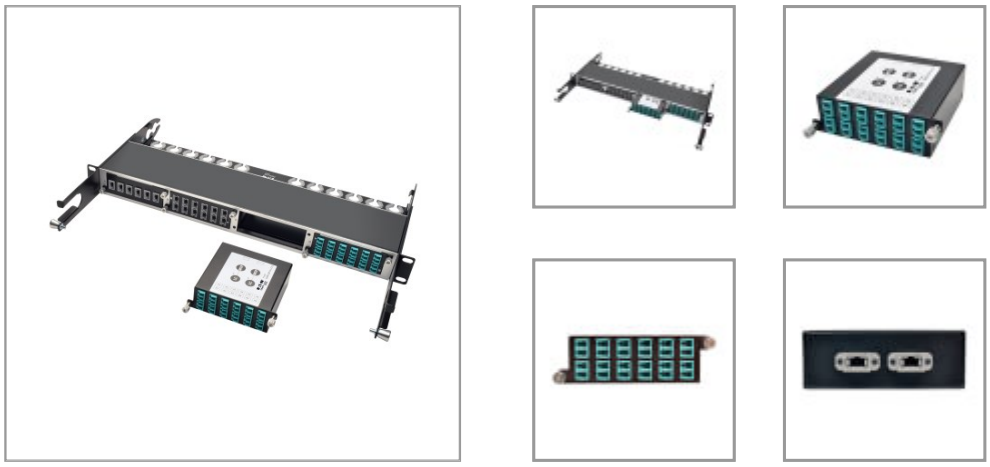
Important Note

12-Fiber MTP ports are Polarity B, Optimized for Parallel Optics, Base-8 Connectivity. Guaranteed compatibility when used with recommended cabling. Cassette designed specifically for use with N820-, N821-, N844- and N845-Series cables.

40Gb to 10Gb Breakout Cassette, (x2) 12-Fiber OM4 MTP/MPO (Male with Pins) to (x12) LC Duplex

MODEL NUMBER: **N484-2M12-LC12**



Description

The N484-2M12-LC12 is a high-density 40 Gb to 10 Gb Breakout Cassette with (x12) LC connections to (x2) 12-Fiber, OM4, MTP/MPO connections. Designed specifically for use with N484-00U and N484-01U chassis. Up to four cassettes per N484-01U or one cassette per N484-00U. Supports 40 GbE, internally using OM4 fiber optic cable, with an extremely low insertion loss of 0.35db that is well under the IEEE 802.3ae maximum channel loss spec of <25db. Effectively trunks 24-fibers between IDF's and MDF's with (x2) 12-Fiber MTP/MPO cables, breaking out to (x12) LC Duplex fiber connections. 12-Fiber MTP ports are Polarity B, Optimized for Parallel Optics, Base-8 Connectivity. Guaranteed compatibility when used with recommended cabling. Cassette designed specifically for use with N820-, N821-, N844- and N845-Series cables. Installation is simple, with the cassette being easily installed or removed using screw tabs to lock or unlock it from the panel; no tools required. Furthermore, each cassette features factory-terminated connectors that reduce the time and labor required of field connector terminations. Cassette housing made with heavy-duty 1.0mm cold-rolled steel.

Features

- High Density Fiber Cassette for use with N484-00U and N484-01U chassis'
- 40 Gb to 10 Gb Breakout Cassette, with (x12) LC connections to (x2) 12-Fiber OM4 MTP/MPO connections
- Complies with IEEE 802.3ae (10 GbE) and ANSI T11.2 (Fibre Channel) requirements
- Max insertion loss of 0.35dB falls well under the IEEE 802.3ae maximum channel loss spec of <25dB
- 12-Fiber MTP ports are Polarity B, Optimized for Parallel Optics, Base-8 Connectivity
- Guaranteed compatibility when used with recommended cabling
- Cassette Designed specifically for use with N820-, N821-, N844- and N845-Series cables
- Installation is simple, with the cassette being easily installed or removed using screw tabs to lock or unlock it from the panel; no tools required
- Each cassette features factory terminated connectors that reduce the time and labor required of field

Highlights

- High Density Fiber Cassette for use with N484-00U and N484-01U chassis'
- 40Gb to 10Gb Breakout Cassette, with (x12) LC connections to (x2) 12-Fiber MTP/MPO connections (Male w/Pins)
- 12-Fiber MTP ports are Polarity B, Optimized for Parallel Optics, Base-8 Connectivity
- Guaranteed compatibility when used with recommended cabling
- Cassette designed specifically for use with cables, such as the N820-, N821-, N844- and N845-Series cables
- Internal OM4 wiring
- Complies with IEEE 802.3ae (10GbE) and ANSI T11.2 (Fibre Channel) requirements
- Max insertion loss of 0.35dB falls well under the IEEE 802.3ae maximum channel loss spec of <25dB

System Requirements

- 12-Fiber MTP ports are Polarity B, Optimized for Parallel Optics, Base-8 Connectivity
- Guaranteed compatibility when used with recommended cabling
- Cassette designed specifically for use with N820-, N821-, N844- and N845-Series cables

Package Includes

- N484-2M12-LC12 40Gb to 10Gb Breakout Cassette, (x2) 12-Fiber OM4 MTP/MPO to (x12) LC Duplex
- Quick Start Guide

connector terminations

- Housing made of heavy duty, 1.0mm Cold Rolled Steel
- Includes dust caps for unused ports

Specifications

OVERVIEW	
UPC Code	037332187185
Technology	Multimode
CONNECTIONS	
Number of Ports	12
Side A - Connector 1	12-STRAND MTP/MPO (MALE)
Side B - Connector 1	LC DUPLEX (FEMALE)
PHYSICAL	
Color	Black
Shipping Dimensions (hwd / in.)	1.80 x 5.80 x 7.50
Shipping Dimensions (hwd / cm)	4.57 x 14.73 x 19.05
Shipping Weight (lbs.)	0.90
Shipping Weight (kg)	0.41
Unit Dimensions (hwd / in.)	1.200 x 3.500 x 4.700
Unit Weight (lbs.)	0.7
Unit Weight (kg)	0.32
ENVIRONMENTAL	
Operating Temperature Range	-4° to 122°F (-20° to 50°C)
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; REACH
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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