

## Important Note

Polarity B, Optimized for Parallel Optics, Base-8 Connectivity. Guaranteed compatibility when used with recommended cabling. Designed specifically for use with N844- and N846-Series cables.

## 100Gb/120Gb to 40Gb Breakout Cassette, (x2) 24-Fiber MTP/MPO (Male with Pins) to (x6) 12-Fiber MTP/MPO (Male with Pins)

MODEL NUMBER: N484-2M24-6M12



## Description

The N484-2M24-6M12 is a high-density 100/120 Gb to 40 Gb Breakout Cassette with (x2) 24-Fiber MTP/MPO connections to (x6) 12-Fiber 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 100/120 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 48-fibers between IDF's and MDF's with (x2) 24-Fiber MTP/MPO cables, breaking out to (x6) 12-fiber MTP/MPO connections. Polarity B, Optimized for Parallel Optics, Base-8 Connectivity. Guaranteed compatibility when used with recommended cabling. Designed specifically for use with N844- and N846-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.

NOTE: Each 24-fiber cable breaks out to three 12-fiber MTP ports, with only eight of the 12 pins populated (four inner pins unused). QSFP+ and QSFP28 support.

## Features

- High Density Fiber Cassette for use with N484-00U and N484-01U chassis'
- 100/120Gb to 40 Gb Breakout Cassette, with (x2) 24-Fiber MTP/MPO connections to (x6) 12-Fiber MTP/MPO connections
- Max insertion loss of 0.35dB falls well under the IEEE 802.3ae maximum channel loss spec of <25dB
- Complies with IEEE 802.3ae (10 GbE) and ANSI T11.2 (Fibre Channel) requirements
- Polarity B, Optimized for Parallel Optics, Base-8 Connectivity
- Guaranteed compatibility when used with recommended cabling
- Designed specifically for use with N844- and N846-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

## Highlights

- High Density Fiber Cassette for use with N484-00U and N484-01U chassis'
- 100/120Gb to 40Gb Breakout Cassette, with (x2) 24-Fiber MTP/MPO ( Male w/Pins ) connections to (x6) 12-Fiber MTP/MPO connections ( Male w/Pins )
- Polarity B, Optimized for Parallel Optics, Base-8 Connectivity
- Guaranteed compatibility when used with recommended cabling
- Designed specifically for use with cables, such as the N844- and N846-Series cables
- Supports 100/120 GbE, internally using OM4 fiber optic cable
- Max insertion loss of 0.35dB falls well under the IEEE 802.3ae maximum channel loss spec of <25dB

## System Requirements

- Polarity B, Optimized for Parallel Optics, Base-8 Connectivity
- Guaranteed compatibility when used with recommended cabling
- Designed specifically for use with N844- and N846-Series cables

## Package Includes

- N484-2M24-6M12 100/120Gb to 40Gb Breakout Cassette, (x2) 24-Fiber MTP/MPO to (x6) 12-Fiber MTP/MPO
- Quick Start Guide



Powering Business Worldwide

TRIPP LITE  
SERIES

- Each cassette features factory terminated connectors that reduce the time and labor required of field connector terminations
- Housing made of heavy duty, 1.0mm Cold Rolled Steel
- Includes dust caps for unused ports

## Specifications

OVERVIEW	
UPC Code	037332187192
Technology	Multimode
CONNECTIONS	
Number of Ports	6
Side A - Connector 1	24-STRAND MTP/MPO (MALE)
Side B - Connector 1	12-STRAND MTP/MPO (MALE)
PHYSICAL	
Color	Black
Shipping Dimensions (hwd / in.)	5.91 x 7.68 x 1.57
Shipping Dimensions (hwd / cm)	15.01 x 19.51 x 3.99
Shipping Weight (lbs.)	0.88
Shipping Weight (kg)	0.40
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

1000 Eaton Boulevard  
 Cleveland, OH 44122  
 United States  
<https://triplite.eaton.com>

© 2024 Eaton. All Rights Reserved.  
 Eaton is a registered trademark. All other trademarks  
 are the property of their respective owners.