

MTP/MPO Parallel Optics Base-8 Migration Fiber Adapter, Polarity A to B, 12 Fiber, 40 / 100 GbE, OM4 M/F, Magenta, 8 in.

MODEL NUMBER: N846-08N-A2B



Adapter patch cable converts legacy 12-fiber MTP/MPO Method A cables to Method B Polarity for compatibility with Parallel Optics fiber mapping in Base-8 40GBASE-SR4 and 100GBASE-SR4 applications.

Description

The N846-08N-A2B MTP/MPO Parallel Optics Base-8 Migration Fiber Adapter (M/F) is an eight-inch patch cable that supports 40 Gb Ethernet speeds and is designed for high-density connections between network equipment in telecommunication rooms and data centers. It saves you time and money by converting legacy 12-fiber Method A cables to Method B Polarity for compatibility with Parallel Optics fiber mapping in Base-8 40GBASE-SR4 and 100GBASE-SR4 applications.

It's colored magenta for instant identification as an OM4 cable. The N846-08N-A2B is ideal for use with high-density feed-through cassettes, such as Tripp Lite's N482 and N484 Series.

The cable has documented insertion loss and back reflection testing on every connector and attenuation loss that meets or exceeds current standards. The push/pull tab connector makes the cable easy to install and remove with one hand.

Backward compatible with existing 50/125 fiber, the N846-08N-A2B has 50/125 duplex (zipcord) fiber made from glass, as well as a plenum-rated OFNP jacket for connecting network components in drop ceilings, walls and ducts.

Features

OM4-Rated for 40 Gb Ethernet Applications

- Designed to extend high-density connections between network equipment in telecommunication rooms and data centers

Highlights

- Supports speeds up to 40 GbE/100 GbE
- Push/pull tab connector installs/removes with one hand
- 12-fiber MTP/MPO connectors
- 100% tested for low insertion loss and back reflection
- 50/125 duplex glass fiber construction

Package Includes

- N846-08N-A2B MTP/MPO Parallel Optics Base-8 Migration Fiber Adapter (M/F), Magenta, 8 in.

- Converts legacy 12-fiber Method A Polarity cables to Method B Polarity for use in Base-8 applications
- Supports speeds up to 40 GbE/100 GbE
- Backward compatible with existing 50/125 fiber
- Magenta-colored for identification as an OM4 cable

MTP/MPO Connectors with Push/Pull Tab

- 12-fiber male/female connectors
- Push/pull tab connector easy to install and remove with one hand
- 100% tested for low insertion loss and back reflection

Error-Free Signal Transfer

- 50/125 duplex glass fiber construction
- Meets current IEEE 802.3ae and TIA standards
- Plenum-rated OFNP jacket perfect for ceilings, walls and ducts
- Jacket features serial number for quality control and traceability

Specifications

OVERVIEW	
UPC Code	037332203472
Attenuation @ 1300NM	1.0 dB/KM
Attenuation @ 850NM	3.0 dB/KM
Clad Diameter	125 micron
Core Diameter	50 micron
Number of Fibers	12
Optical Mode	OM4
INPUT	
Cable Length (ft.)	0.7
Cable Length (m)	0.2
Cable Length (in.)	8
PHYSICAL	
Color	Magenta
Shipping Dimensions (hwd / cm)	1.27 x 17.78 x 22.86
Shipping Dimensions (hwd / in.)	0.50 x 7.00 x 9.00
Shipping Weight (kg)	0.05



Shipping Weight (lbs.)	0.10
ENVIRONMENTAL	
Operating Temperature Range	-4 TO 140 F (-20 TO 60 C)
Storage Temperature Range	-4 TO 140 F (-20 TO 60 C)
COMMUNICATIONS	
Network Speed	10Gbps / 40Gbps / 100Gbps
CONNECTIONS	
Side A - Connector 1	12-STRAND MTP (MALE)
Side B - Connector 1	12-STRAND MTP (FEMALE)
FEATURES & SPECIFICATIONS	
Technology	Multimode; MTP/MPO
Cable Style	Plenum Rated
SPECIAL FEATURES	
Push/Pull Tabs	Yes
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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