

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

MODEL NUMBER: **N846-08N-C2B**



### 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-C2B MTP/MPO Parallel Optics Base-8 Migration Fiber Adapter (M/F), Magenta, 8 in.

### Description

The N846-08N-C2B 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 C 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-C2B 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-C2B 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
- Converts legacy 12-fiber Method C 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**

<b>OVERVIEW</b>	
Attenuation @ 1300NM	1.0 dB/KM
Attenuation @ 850NM	3.0 dB/KM
<b>INPUT</b>	
Cable Length (ft.)	0.67
Cable Length (m)	0.2
Cable Length (in.)	8
<b>PHYSICAL</b>	
Color	Magenta
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	-4 TO 140 F (-20 TO 60 C)
Storage Temperature Range	-4 TO 140 F (-20 TO 60 C)
<b>COMMUNICATIONS</b>	
Network Speed	10Gbps / 40Gbps / 100Gbps
<b>CONNECTIONS</b>	
Side A - Connector 1	12-STRAND MTP (MALE)
Side B - Connector 1	12-STRAND MTP (FEMALE)
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	Lifetime limited warranty



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