

MTP/MPO Parallel Optics Base-8 Migration Fiber Adapter, Polarity A to B, 12 Fiber, 40GB/100GB, 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.

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 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

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.



Specifications

OVERVIEW	
UPC Code	037332203472
Technology	Multimode; MTP/MPO
Optical Mode	OM4
PHYSICAL	
Color	Magenta
Clad Diameter	125 micron
Core Diameter	50 micron
Number of Fibers	12
Cable Length (ft.)	0.7
Cable Length (m)	0.2
Cable Length (in.)	8
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
Attenuation @ 1310NM	1.0 dB/KM
Attenuation @ 850NM	3.0 dB/KM
CONNECTIONS	
Side A - Connector 1	12-STRAND MTP (MALE)
Side A - Connector 2	12-STRAND MTP (FEMALE)
Side B - Connector 1	12-STRAND MTP (FEMALE)
FEATURES & SPECIFICATIONS	
Cable Style	Plenum Rated



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SPECIAL FEATURES	
Push/Pull Tabs	Yes
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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