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**

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.

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

Specifications

OVERVIEW

UPC Code	037332203472
Technology	Multimode
Optical Mode	OM4

PHYSICAL

Cable Jacket Color	Magenta
Clad Diameter (microns)	125
Core Diameter (microns)	50
Number of Fibers	12
Cable Length (ft.)	0.7
Cable Length (m)	0.21
Cable Length (in.)	8
Shipping Dimensions (hwd / in.)	0.50 x 7.00 x 9.00
Shipping Dimensions (hwd / cm)	1.27 x 17.78 x 22.86
Shipping Weight (lbs.)	0.10
Shipping Weight (kg)	0.05
Fiber Cable Length	0.2M (0.7 ft)

ENVIRONMENTAL

Operating Temperature Range	-4° to 140°F (-20° to 60°C)
Storage Temperature Range	-4° to 140°F (-20° to 60°C)
Operating Humidity Range	5% to 85% RH, Non-Condensing
Storage Humidity Range	35% to 65% RH, Non-Condensing

COMMUNICATIONS

Network Compatibility	100 Gbps; 400 Gbps
Attenuation @ 1310NM	1.0 dB/km
Attenuation @ 850NM	3.0 dB/km
Insertion Loss	MTP/PC: 0.35 dB; LC/PC: 0.20 dB

CONNECTIONS

Side A - Connector 1	12-STRAND MTP/MPO (MALE)
Side B - Connector 1	12-STRAND MTP/MPO (FEMALE)
Endface Polish	PC

FEATURES & SPECIFICATIONS	
Push/Pull Tabs	Yes

STANDARDS & COMPLIANCE	
Product Compliance	RoHS; REACH

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty