Tripp Lite
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100G MTP/MPO Multimode OM4 Plenum-Rated Fiber Optic Cable (F/F), 12 Fiber, 40/100GBASE-SR4, Push/Pull Tabs, Magenta, 5 m

MODEL NUMBER: **N845-05M-12-MG**







Premium multimode fiber optic cabling for transmitting 40/100 Gb data and voice signals over short distances. Designed for high-density connections between network equipment in telecom rooms and data centers.

Description

The five-meter N845-05M-12-MG MTP/MPO Multimode Patch Cable supports 40/100 Gb Ethernet speeds and is designed for high-density connections between network equipment in telecommunication rooms and data centers. With two female MTP/MPO connectors, this OM4-rated multimode fiber optic cable is recommended for high-density fiber patching between data center MDFs (main distribution frames) and IDF (intermediate distribution frames). It's colored magenta for instant identification as an OM4 cable. Base-8 Fiber compatible with both QSFP+ 40GBASE-SR4 and QSFP28 100GBASE-SR4 connections. The 12-fiber MTP/MPO connectors are about the same size as SC connectors, but are 12 times denser, freeing up circuit card and rack space for other cables. The cable is tested for low insertion loss and back reflection on every connector and attenuation loss that meets or exceeds current standards. Push/pull tab connectors are easily accessible in high-density data center applications and make the cable easy to install and remove with one hand. The plenum-rated jacket is perfect for connecting high-speed network components in ceilings, walls and ducts.

Features

OM4-Rated for 40/100 Gb Ethernet Applications

- Designed to extend high-density connections between network equipment in telecommunication rooms and data centers
- Base-8 Fiber compatible with both QSFP+ 40GBASE-SR4 and QSFP28 100GBASE-SR4 connections
- Backward compatible with existing 50/125 fiber
- Magenta-colored for identification as an OM4 cable

MTP/MPO Connectors with Push/Pull Tabs

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

Highlights

- Push/pull tab connectors install/remove with one hand
- 12-fiber MTP/MPO connectors with 12x density of SC connectors
- 100% tested for low insertion loss and back reflection
- Base-8 Fiber compatible with both QSFP+ 40GBASE-SR4 and QSFP28 100GBASE-SR4 connections
- 50/125 OM4-rated multimode fiber
- Magenta color for easy OM4 identification

Package Includes

- N845-05M-12-MG MTP/MPO Multimode Patch Cable, Magenta, 5 m

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Error-Free Signal Transfer

- 50/125 duplex glass fiber construction
- Plenum-rated jacket perfect for ceilings, walls and ducts

Specifications

OVERVIEW	
UPC Code	037332200297
Technology	Multimode
Optical Mode	OM4
PHYSICAL	
Cable Jacket Color	Magenta
Connector Color	Magenta; Black
Cable Jacket Material	PVC
Cable Jacket Rating	OFNP
Clad Diameter (microns)	125
Core Diameter (microns)	50
Number of Fibers	12
Cable Length (ft.)	16.4
Cable Length (m)	5.00
Cable Length (in.)	196.9
Minimum Bend Radius	20MM (Dynamic); 10MM (Static)
Shipping Dimensions (hwd / cm)	22.86 x 17.78 x 1.27
Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.50
Shipping Weight (kg)	0.05
Shipping Weight (lbs.)	0.12
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	40 Gbps; 100 Gbps; 400 Gbps
Attenuation @ 850NM	3.0dB/Km

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Insertion Loss	0.35dB
CONNECTIONS	
Side A - Connector 1	12-STRAND MTP/MPO (FEMALE)
Side B - Connector 1	12-STRAND MTP/MPO (FEMALE)
Endface Polish	PC
FEATURES & SPECIFICATIONS	
Push/Pull Tabs	Yes
Breakout	No
Trunk	No
STANDARDS & COMPLIANCE	
Certification & Compliance	RoHS; REACH
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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