1000 Eaton Boulevard
Cleveland, OH 44122
United States

40G MTP/MPO to 4xLC Fan-Out OM4 Plenum-Rated Fiber Optic Cable, 40GBASE-SR4, Push/Pull Tabs, Magenta, 1 m

MODEL NUMBER: **N845-01M-8L-MG**







Connects 4 10Gb duplex LC devices to a 40Gb MTP port on a network switch. Designed for high-density connections between 40GBASE-SR4 network equipment.

Description

The one-meter N845-01M-8L-MG MTP/MPO to 8xLC Fan-Out Patch Cable supports 40 Gb Ethernet speeds and is designed for high-density connections between 40GBASE-SR4 network equipment. With one male MTP/MPO and eight male LC connectors, this OM4-rated multimode fiber optic fan-out cable supports various multi- and single-fiber connections. It fully transmits 40GBASE-SR with four fibers transmitting at 10 Gbps in each direction. Base-8 Fiber compatible with both QSFP+ 40GBASE-SR4 and QSFP28 100GBASE-SR4 connections.
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 magenta-colored N845-01M-8L-MG features a premium-grade ceramic ferrule for 10 GbE and faster applications. The slim, space-saving uniboot design makes cable easier to manage. The plenum-rated jacket is perfect for connecting high-speed network components in ceilings, walls and ducts. The sturdy plastic housing is built to last a long time.

Features

OM4-Rated for 40 Gb Ethernet Applications

- Connects 4 10Gb duplex LC devices to a 40Gb MTP port on a network switch
- Designed for high-density connections between 40GBASE-SR4 network equipment
- Base-8 Fiber compatible with both QSFP+ 40GBASE-SR4 and QSFP28 100GBASE-SR4 connections
- Multimode fiber optic fan-out cable supports various multi- and single-fiber connections
- Fully transmits 40GBASE-SR with four fibers transmitting at 10 Gbps in each direction
- Magenta-colored for identification as an OM4 cable

MTP/MPO and LC Connectors with Push/Pull Tabs

- 1 male MTP/MPO and 8 male LC connectors
- Push/pull tab connectors easy to install and remove with one hand

Error-Free Signal Transfer

Highlights

- Push/pull tab connectors install/remove with one hand
- Plenum-rated jacket for connecting in ceilings, walls and ducts
- Magenta color for easy OM4 identification
- Base-8 Fiber compatible with both QSFP+ 40GBASE-SR4 and QSFP28 100GBASE-SR4 connections
- Slim, space-saving uniboot design for neat cable management
- Premium-grade ceramic ferrule designed for fast applications

Package Includes

- N845-01M-8L-MG MTP/MPO to 8xLC Fan-Out Patch Cable, Magenta, 1 m

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- Premium-grade ceramic ferrule for 10 GbE and faster applications
- Slim, space-saving uniboot design makes cable easier to manage
- Plenum-rated jacket for connecting in ceilings, walls and ducts
- Sturdy plastic housing built to last a long time

Specifications

OVERVIEW	
UPC Code	037332200044
Technology	Multimode
Optical Mode	OM4
PHYSICAL	
Cable Jacket Color	Magenta
Connector Color	Aqua; Magenta; Black
Cable Jacket Material	PVC
Cable Jacket Rating	OFNP
Clad Diameter (microns)	125
Core Diameter (microns)	50
Number of Fibers	8
Cable Length (ft.)	3.3
Cable Length (m)	1.01
Cable Length (in.)	39.4
Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)
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.)	0.09
Shipping Weight (kg)	0.04
Fiber Cable Length	1M (3.3 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	

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Network Compatibility	40 Gbps; 100 Gbps; 400 Gbps
Attenuation @ 850NM	3.0 dB/km
Insertion Loss	0.35 dB
CONNECTIONS	
Side A - Connector 1	12-STRAND MTP/MPO (FEMALE)
Side B - Connector 1	(8) LC DUPLEX (MALE)
Endface Polish	PC
Polarity	Type B (cross)
FEATURES & SPECIFICATIONS	
Push/Pull Tabs	Yes
Breakout	Yes
Trunk	Yes
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; REACH
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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