Powering Business Worldwide

TRIPP LITE SERIES

40/100G Multimode 50/125 OM4 Fiber Optic Cable (12F MTP/MPO-PC to 4x Duplex LC/PC F/M), LSZH, Magenta, 3 m (9.8 ft.)

MODEL NUMBER: **N845X-03M-8L-MG**

40/100 GbE Ethernet cable extends high-density network connections in enterprise applications in data centers, telecom rooms and wiring closets.

Highlights

- OM4-rated cable recommended for 100 Gb speeds up to 100 meters (@ 850 nm)
- Switchable LC connectors allow polarity conversion without tools or re-termination
- Backward compatible with 10/25/40 Gb networks to facilitate future-proofing
- Magenta LSZH jacket allows easy ID in a crowded switch or patch panel

Package Includes

N845X-03M-8L-MG 40/100G Multimode 50/125 OM4 Fiber Optic Cable, Magenta, 3 m (9.8 ft.)

Features

40/100 GbE Cable Supports Higher Bandwidths Needed for High-Density Data Networking
As the amount of traffic in data networks grows, so does the need for devices and fiber cables to support higher bandwidths for high-density patching between data center MDFs and IDFs in enterprise installations. This multimode 50/125 OM4 fan-out cable is an ideal choice for 100 Gb Ethernet applications up to 100 meters (328 feet) at 850 nm. It is also backward compatible with 10 Gb and 25 Gb networks, so you can future-proof your current application for an eventual upgrade to 400 Gb.

Switchable LC Connectors Allow Easy Polarity Conversions
The switchable LC/PC duplex ends let you easily switch the fiber polarity without tools or the need to re-terminate the connectors. Use the detachable clip to keep the connectors in place while in use.

Magenta Jacket Helps Avoid Misidentification That Can Cause Costly Downtime
The OM4-rated cable has a magenta jacket to identify it as multimode in a crowded patch panel or switch and prevent it from becoming accidentally disconnected. The round low-smoke zero-halogen (LSZH) jacket limits the amount of toxic smoke emitted in case of combustion, making it suitable for poorly ventilated areas. The connectors' slim boots allow easy one-handed installation and removal of the cable.

Specifications

OVERVIEW	
UPC Code	037332272331
Technology	Fiber; Multimode
Optical Mode	OM4
CONNECTIONS	

Side A - Connector 1	12F MPO (FEMALE)
Side B - Connector 1	(4) LC DUPLEX (MALE)
Endface Polish	PC
PHYSICAL	
Cable Jacket Color	Magenta
Connector Color	Aqua; Magenta; Black
Cable Jacket Material	LSZH
Cable Jacket Rating	OFNR
Clad Diameter (microns)	125.0
Core Diameter (microns)	50.0
Primary Coating Diameter (microns)	245.0
Number of Fibers	8
Cable Length (ft.)	9.8
Cable Length (m)	2.99
Cable Length (in.)	118.1
Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)
Fiber Cable Length	3M (9.8 ft)
ENVIRONMENTAL	
Operating Temperature Range	-4° to 140°F (-20° to 60°C)
Storage Temperature Range	-4° to 140°F (-20° to 60°C)
Relative Humidity	5% to 85% RH, Non-Condensing
COMMUNICATIONS	
Network Compatibility	10 Gbps; 40 Gbps; 100 Gbps; 400 Gbps
Attenuation @ 850NM	3.5 dB/km
Attenuation @ 1300NM	1.5 dB/km
Insertion Loss	0.35 dB
FEATURES & SPECIFICATIONS	
Push/Pull Tabs	Yes
Breakout	Yes
Trunk	Yes
STANDARDS & COMPLIANCE	
Product Certifications	UL 1666
Product Compliance	RoHS; CE (Europe); REACH

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

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