



40/100/400G Multimode 50/125 OM4 Fiber Optic Cable (3x8F MTP/MPO-PC F/F), LSZH, Magenta, 15 m (49.2 ft.)

MODEL NUMBER: N858B-15M-3X8MG









Highlights

- OM4-rated cable recommended for 400 Gb speeds up to 100 meters (@ 850 nm)
- Backward compatible with 10/25/40/100 Gb networks to facilitate future-proofing
- Magenta LSZH jacket allows fast, easy identification in a crowded switch or patch panel

Package Includes

N858B-15M-3X8MG 40/100/400G Multimode 50/125 OM4 Fiber Optic Cable, Magenta, 15 m (49.2 ft.)

40/100/400 GbE Ethernet cable extends high-density connections between network components in enterprise applications in wiring closets, telecom rooms and data centers.

Features

40/100/400 GbE Cable Supports Higher Bandwidths Needed for High-Density Data Networking

The N858B-15M-3X8MG is a premium multimode fiber optic cable that supports 400 Gb Ethernet speeds for transmitting data and voice signals over short distances. It is designed to support higher bandwidths in cloud services, hyperscale data centers, telecom applications and equipment OEM companies. This multimode 50/125 OM4 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 100 Gb or 400 Gb.

Magenta-Colored 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 and magenta housings allow easy one-handed installation and removal of the cable.

Specifications

OVERVIEW		
UPC Code	037332272966	
Technology	Multimode	
Optical Mode	OM4	
Mode Type	Multimode	
CONNECTIONS		
Side A - Connector 1	12F MPO (FEMALE)	





Side B - Connector 1	24F MPO (FEMALE)	
Endface Polish	PC	
Polarity	Type B (cross)	
PHYSICAL		
Cable Jacket Color	Magenta	
Connector Color	Black; Magenta	
Cable Jacket Material	LSZH	
Cable Jacket Rating	OFNR	
Cable Outer Diameter (OD)	4.5 mm	
Clad Diameter (microns)	125.0	
Core Diameter (microns)	50.0	
Primary Coating Diameter (microns)	245.0	
Number of Fibers	24	
Cable Length (ft.)	49.21	
Cable Length (m)	15.00	
Cable Length (in.)	590.6	
Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)	
Fiber Cable Length	15M (49.2 ft)	
ENVIRONMENTAL		
Operating Temperature Range	14° to 140°F (-10° to 60°C)	
Storage Temperature Range	14° to 140°F (-10° to 60°C)	
Operating Humidity Range	5% to 85% RH, Non-Condensing	
Storage Humidity Range	5% to 85% RH, Non-Condensing	
COMMUNICATIONS		
Network Compatibility	40 Gbps; 100 Gbps; 400 Gbps	
Wavelength	1300nm; 850nm	
Attenuation @ 850NM	3.5 dB/km	
Attenuation @ 1300NM	1.5 dB/km	
Insertion Loss	0.35 dB	
FEATURES & SPECIFICATIONS		
Push/Pull Tabs	No	
Breakout	Yes	
Trunk	Yes	





Optical Port	MPO/MTP	
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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