40/100/400G Multimode 50/125 OM3 Fiber Optic Cable (12F MTP/MPO-PC F/F), LSZH, Aqua, 2 m (6.6 ft.)

MODEL NUMBER: **N844B-02M-12-P**









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

Highlights

- OM3-rated cable recommended for 400 Gb speeds up to 100 meters (@ 1300 nm)
- Backward compatible with 10/25/40/100 Gb networks to facilitate future-proofing
- Aqua LSZH jacket allows fast, easy identification in a crowded switch or patch panel

Package Includes

N844B-02M-12-P 40/100/400G Multimode 50/125 OM3 Fiber Optic Cable, Aqua, 2 m (6.6 ft.)

Features

40/100/400 GbE Cable Supports Higher Bandwidths for High-Density Data Networking
The N844B-02M-12-P 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 for high-density patching between data center MDFs and IDFs in enterprise installations. This multimode 50/125 OM3 cable is an ideal choice for 100 Gb Ethernet applications up to 100 meters (328 feet) at 1300 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.

Aqua-Colored Jacket Helps Avoid Misidentification That Can Cause Costly Downtime
The OM3-rated cable has an aqua 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 boot and aqua housing allow easy one-handed installation and removal of the cable.

Specifications

OVERVIEW	
UPC Code	037332272874
Technology	Multimode
Optical Mode	OM3
Mode Type	Multimode
CONNECTIONS	
Side A - Connector 1	12-STRAND MTP/MPO (FEMALE)

Side B - Connector 1	12-STRAND MTP/MPO (FEMALE)
Endface Polish	PC
Polarity	Type B (cross)
PHYSICAL	
Cable Jacket Color	Aqua
Connector Color	Black
Cable Jacket Material	LSZH
Cable Jacket Rating	OFNR
Cable Outer Diameter (OD)	3.0 mm
Clad Diameter (microns)	125.0
Core Diameter (microns)	50.0
Primary Coating Diameter (microns)	245.0
Number of Fibers	12
Cable Length (ft.)	6.56
Cable Length (m)	2.00
Cable Length (in.)	78.7
Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)
Fiber Cable Length	2M (6.6 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	No
Trunk	No

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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