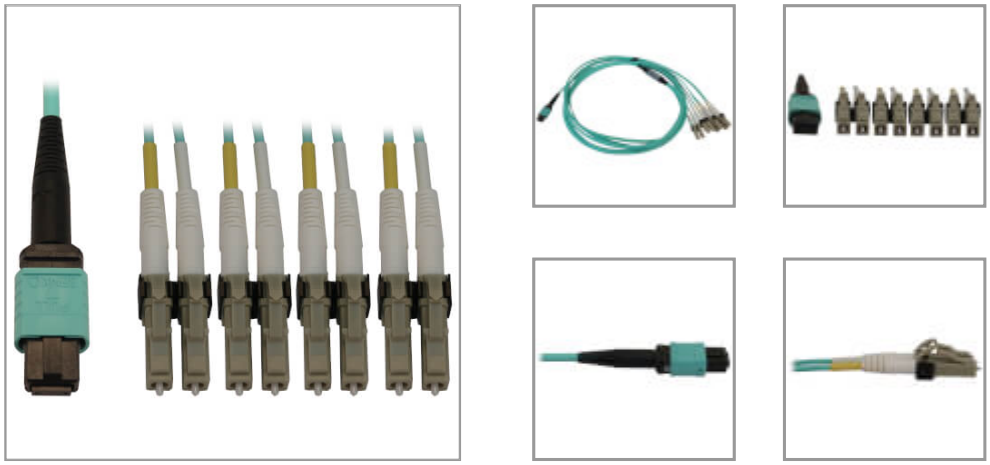
Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

40/100/400G Multimode 50/125 OM3 Fiber Optic Cable (12F MTP/MPO-PC to 4x Duplex LC/PC F/M), LSZH, Aqua, 3 m (9.8 ft.)

MODEL NUMBER: **N844X-03M-8L-P**



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

Highlights

- OM3-rated cable recommended for 400 Gb speeds up to 100 meters (@ 850 nm)
- Switchable LC connectors allow polarity conversion without tools or re-termination
- Backward compatible with 10/25/40/100 Gb networks to facilitate future-proofing
- Aqua LSZH jacket allows fast, easy identification in a crowded switch or patch panel

Package Includes

N844X-03M-8L-P 40/100/400G Multimode 50/125 OM3 Fiber Optic Cable, Aqua, 3 m (9.8 ft.)

Features

40/100/400 GbE Cable Supports Higher Bandwidths Needed for High-Density Data Networking
The N844X-03M-8L-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 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.

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. This cable lets you extend the length of your connection and eliminates the need for longer fan-out cables or individual long duplex cable runs.

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.

Specifications

OVERVIEW	
UPC Code	037332272935
Technology	Multimode
Optical Mode	OM3

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Mode Type	Multimode
PHYSICAL	
Cable Jacket Color	Aqua
Connector Color	Beige; Black
Cable Jacket Material	LSZH
Cable Jacket Rating	OFNR
Cable Outer Diameter (OD)	3.0MM
Clad Diameter (microns)	125.0
Core Diameter (microns)	50.0
Primary Coating Diameter (microns)	245.0
Number of Fibers	8
Cable Length (ft.)	9.84
Cable Length (m)	3.00
Cable Length (in.)	118.1
Minimum Bend Radius	20MM (DYNAMIC); 10MM (STATIC)
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	3.5dB/KM
Attenuation @ 1300NM	1.5dB/KM
Insertion Loss	MTP/MPO: LESS THAN OR EQUAL TO 0.35dB; LC: LESS THAN OR EQUAL TO 0.20dB
CONNECTIONS	
Side A - Connector 1	12-STRAND MTP/MPO (FEMALE)
Side B - Connector 1	(4) LC DUPLEX (MALE)
Endface Polish	PC
FEATURES & SPECIFICATIONS	
Push/Pull Tabs	No

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Optical Port	LC; MPO/MTP
Breakout	Yes
Trunk	Yes
STANDARDS & COMPLIANCE	
Product Certifications	UL 1666
Product Compliance	RoHS; CE (Europe); REACH
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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