Tripp Lite
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100G Duplex Multimode 50/125 OM4 LSZH Fiber Optic Cable (LC/LC), Aqua, 15 m

MODEL NUMBER: **N820-15M-OM4**

Premium multimode fiber optic cabling transmits fast, clear 40 Gb and 100 Gb data and voice signals through your LAN up to 300 m (@ 850 nm).

Description

The N820-15M-OM4 10 Gb/100 Gb Duplex Multimode 50/125 OM4 LSZH Fiber Patch Cable is OM4-rated for use with 40/100 Gb Ethernet applications up to 300 meters (@ 850 nm). For fast, clear signal transmission through your local area network (LAN) or storage area network (SAN), this high-speed, low-cost cable provides ten times more bandwidth than conventional 62.5 µm multimode fiber and performance rivaling that of singlemode cable.
Backward compatible with existing 50/125 fiber, the aqua-colored N820-15M-OM4 is manufactured using top-quality materials. Dual male LC connectors are widely compatible and thoroughly tested to meet stringent insertion loss standards. It has 50/125 duplex (zipcord) fiber made from glass and a low-smoke zero-halogen (LSZH) jacket, which limits the amount of toxic smoke emitted in case of combustion, making this cable perfect for poorly ventilated areas.
This laser-optimized multimode fiber (LOMMF) cable is ideal for LANs, SANs and high-speed parallel interconnects for head-ends, central offices and data centers. It's commonly used with vertical-cavity surface-emitting laser (VCSEL) and LED laser light sources. Complies with IEEE 802.3ae and TIA LOMMF standards.

Features

OM4-Rated for 40/100 Gb Ethernet Applications

- Allows 40/100 Gb serial transmission up to 300 m (@ 850 nm)
- Provides 10x more bandwidth than conventional 62.5 µm multimode fiber
- Backward compatible with existing 50/125 fiber
- Meets current IEEE 802.3ae and TIA LOMMF standards
- Ideal for LANs, SANs and high-speed parallel interconnects for head-ends, central offices and data centers
- Commonly used with VCSEL and LED laser light sources

Error-Free Signal Transfer

- 50/125 duplex glass fiber construction
- Low-smoke zero-halogen jacket

Highlights

- 40/100 Gb Ethernet speed up to 300 m (@ 850 nm)
- Nearly 10x the bandwidth of conventional 62.5 um multimode fiber
- 50/125 duplex glass fiber construction
- Low-smoke zero-halogen aqua jacket
- Dual male LC connectors meet insertion loss standards

Package Includes

- N820-15M-OM4 10 Gb/100 Gb Duplex Multimode 50/125 OM4 LSZH Fiber Patch Cable, 15 m (50 ft.)

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- Sturdy dual LC male connectors meet insertion loss standards
- Aqua-colored for identification as a 10 Gb cable

Specifications

OVERVIEW	
UPC Code	037332178534
Technology	Multimode
Optical Mode	OM4
PHYSICAL	
Cable Jacket Color	Aqua
Connector Color	Aqua
Cable Jacket Material	LSZH
Cable Jacket Rating	OFNR
Clad Diameter (microns)	125
Core Diameter (microns)	50
Number of Fibers	2
Cable Length (ft.)	49.2
Cable Length (m)	15.00
Cable Length (in.)	590.6
Minimum Bend Radius	20MM (Dynamic); 10MM (Static)
Shipping Dimensions (hwd / cm)	17.78 x 22.86 x 1.27
Shipping Dimensions (hwd / in.)	7.00 x 9.00 x 0.50
Shipping Weight (kg)	0.12
Shipping Weight (lbs.)	0.25
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	
Network Compatibility	1 Gbps (Gigabit); 10 Gbps; 25 Gbps; 40 Gbps; 100 Gbps
Attenuation @ 850NM	3.0dB/Km

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Insertion Loss	0.20dB
CONNECTIONS	
Side A - Connector 1	LC DUPLEX (MALE)
Side B - Connector 1	LC DUPLEX (MALE)
Endface Polish	PC
FEATURES & SPECIFICATIONS	
Push/Pull Tabs	No
Breakout	No
Trunk	No
STANDARDS & COMPLIANCE	
Certification & Compliance	RoHS; REACH
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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