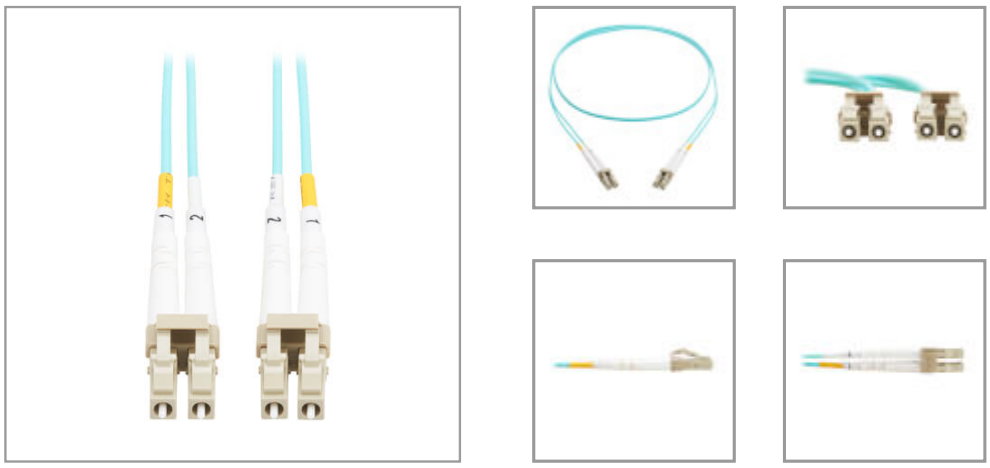
10Gb Duplex Multimode 50/125 OM3 OFNP Fiber Patch Cable (LC/LC) - Aqua, 2 m (6.6 ft.), TAA

MODEL NUMBER: **N820-02M-TAA**



Rated OM3, this 50/125 multimode fiber cable with duplex LC connectors carries signals in 10/40 Gb Ethernet networks.

Highlights

- Rated OM3 to offer a high-speed 50/125 multimode fiber solution
- High-bandwidth fiber cable reaches 10 Gb speeds up to 300 m at 850 nm
- Laser-optimized for use with cost-effective VCSEL and LED laser light sources
- Aqua OFNP jacket allows easy ID in a crowded switch or patch panel
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Package Includes

N820-02M-TAA Duplex Multimode 50/125 Fiber Patch Cable, Aqua, 2 m (6.6 ft.), TAA

Features

Support Higher Bandwidths in Data Networks with OM3 Multimode 50/125 Fiber Patch Cable
As the amount of traffic in data networks grows, so does the need for next generation devices and fiber cables to support higher bandwidths. This LC-to-LC multimode fiber optic Ethernet cable is well-suited for 10/40 Gb Ethernet applications up to 300 meters (984 feet) at 850 nm.

Use with VCSEL Light Sources for a Cost-Effective, High-Bandwidth Solution
The N820-02M-TAA is a laser-optimized multimode fiber (LOMMF) cable designed for use with vertical-cavity surface-emitting lasers (VCSELs) and LED lasers to offer a cost-effective, high-bandwidth solution over extended distances in the 850 nm wavelength range. It is commonly used in LANs, SANs and high-speed parallel interconnects for head-ends, central offices and data centers.

Experience Reliable Performance with Premium Construction
Premium materials ensure this multimode fiber cable reliably carries data and voice signals. The N820-02M-TAA has duplex male LC connectors on each end. The aqua OFNP (Optical Fiber Non-Conductive Plenum) jacket is highly fire-resistant, making this cable ideal for plenum areas such as drop ceilings and raised floors. It meets current IEEE 802.3ae and TIA LOMMF standards, and is compatible with existing OM3-rated 50/125 fiber solutions.

TAA-Compliant for GSA Schedule Purchases
The N820-02M-TAA is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Specifications

OVERVIEW	
UPC Code	037332286215
Technology	Multimode
Optical Mode	OM3

Mode Type	Multimode
CONNECTIONS	
Side A - Connector 1	LC DUPLEX (MALE)
Side B - Connector 1	LC DUPLEX (FEMALE)
Endface Polish	PC
Switchable Polarity	No
PHYSICAL	
Cable Jacket Color	Aqua
Connector Color	Beige; White; Yellow
Cable Jacket Material	LSZH
Cable Jacket Rating	OFNP
Cable Outer Diameter (OD)	2.0mm x 4.0mm
Clad Diameter (microns)	125.0
Core Diameter (microns)	50.0
Primary Coating Diameter (microns)	245.0
Number of Fibers	2
Cable Length (ft.)	6.56
Cable Length (m)	2.00
Cable Length (in.)	78.7
Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)
Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.50
Shipping Weight (kg)	0.03
Unit Dimensions (hwd / in.)	9.000 x 7.000 x 0.500
Fiber Cable Length	2M (6.6 ft)
ENVIRONMENTAL	
Operating Temperature Range	-4° to 158°F (-20° to 70°C)
Storage Temperature Range	-40° to 176°F (-40° to 80°C)
Relative Humidity	5% to 85% RH, Non-Condensing
COMMUNICATIONS	
Network Compatibility	10 Gbps; 40 Gbps; 100 Gbps; 400 Gbps
Wavelength	1300nm; 850nm
Attenuation @ 850NM	2.4 dB/km
Attenuation @ 1300NM	0.6 dB/KM

Insertion Loss	< 0.3 dB
FEATURES & SPECIFICATIONS	
Push/Pull Tabs	No
Breakout	No
Trunk	No
Armored Cable	No
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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