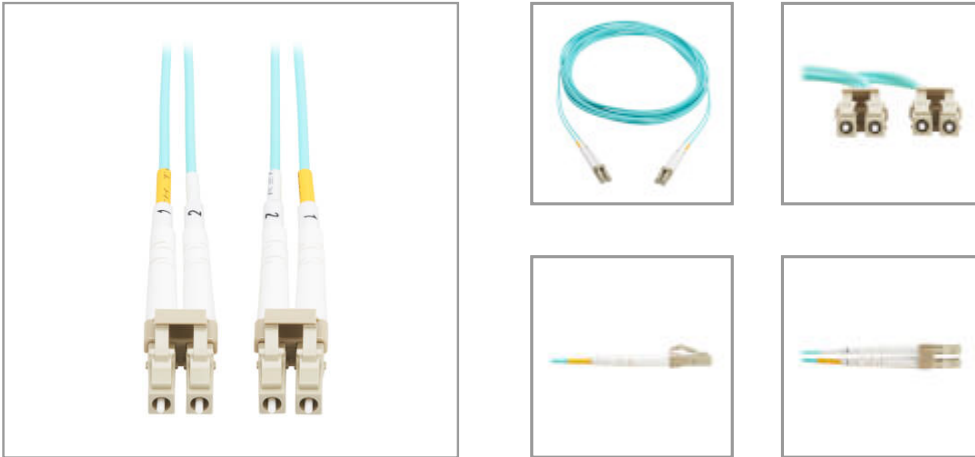


# 10Gb Duplex Multimode 50/125 OM3 OFNP Fiber Patch Cable (LC/LC) - Aqua, 5 m (16.4 ft.), TAA

MODEL NUMBER: N820-05M-TAA



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

## 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 N820-05M-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 N820-05M-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 N820-05M-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.

## 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

N820-05M-TAA Duplex Multimode 50/125 Fiber Patch Cable, Aqua, 5 m (16.4 ft.), TAA

## Specifications

OVERVIEW	
UPC Code	037332286246
Technology	Multimode
Optical Mode	OM3



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Mode Type	Multimode
<b>CONNECTIONS</b>	
Side A - Connector 1	LC DUPLEX (MALE)
Side B - Connector 1	LC DUPLEX (MALE)
Endface Polish	PC
Switchable Polarity	No
<b>PHYSICAL</b>	
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.)	16.4
Cable Length (m)	5.00
Cable Length (in.)	196.6
Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)
Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.50
Shipping Weight (kg)	0.05
Unit Dimensions (hwd / in.)	9.000 x 7.000 x 0.500
Fiber Cable Length	5M (16.4 ft)
<b>ENVIRONMENTAL</b>	
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
<b>COMMUNICATIONS</b>	
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



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

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