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## Model #: N820-50M

### Multimode Fiber Optics 50-meter (164-ft.) 10Gb Aqua Duplex MMF 50/125 LSZH Patch Cable, LC/LC



#### Highlights

- 50 Meter LC/LC 10Gb Aqua Fiber Patch cable
- Designed for 10-Gig Ethernet applications
- Backward compatible with existing 50/125 fiber
- Max 10Gb distance of 300 meters @850nm
- Low-Smoke, Zero Halogen (LSZH) Aqua jacket

#### Description

Tripp Lite introduces its new Laser-Optimized Multimode Fiber (LOMMF) "Aqua" cables, for use with 10Gb Ethernet applications. These new technology, 50/125um, LC/LC Fiber Optic cables, provide nearly three times the bandwidth over conventional 62.5um multimode fiber, with performance rivaling that of Single mode cable, at a much reduced cost. LOMMF cable allows 10Gb serial transmission over extended distances in the 850nm wavelength window, where low-cost Vertical Cavity Surface Emitting Lasers (VCSELs) enable a cost-effective, high-bandwidth solution. LOMMF is ideally suited for LAN's, SAN's, and high-speed parallel interconnects for head-ends, central offices, and data centers. Tripp Lite warrants this product to be free from defects in material and workmanship for Life.

#### Applications

- For use with 10-Gigabit Ethernet equipment

#### Package Includes



- 50 meter Duplex Multimode 50/125 Aqua Fiber Patch Cable, LC/LC

#### Features

- 50 Meter LC/LC 10Gb Aqua Fiber Patch cable
- 10gb Ethernet speed to 300 meters @850nm
- Use with VCSEL and LED laser light sources
- High-Speed, High-Bandwidth, Low-Cost
- Backward compatible with legacy LAN's
- Ideal for Fibre Channel (SAN) applications
- IEEE 802.3ae and TIA LOMMF compliant

#### Specifications

##### OVERVIEW

<b>Clad Diameter</b>	125um
<b>Core Diameter</b>	50um
<b>Fiber Type</b>	50/125 LOMMF
<b>Number of Fibers</b>	2
<b>Intended Application</b>	Computer Networking (Fiber)
<b>PHYSICAL</b>	
<b>Color</b>	Aqua Blue
<b>Style</b>	Fiber Optic
<b>Length</b>	50 Meters
<b>CONNECTIONS</b>	
<b>Connector A</b>	 LC
<b>Connector B</b>	 LC
<b>Number of Connectors</b>	4

More information, including related products, owner's manuals, and additional technical specifications, can be found online at [www.triplite.com/en/products/model.cfm?txtModelID=4288](http://www.triplite.com/en/products/model.cfm?txtModelID=4288).

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