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[Tripp Lite](#)  
[N820-50M](#)

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**Tripp Lite**  
 1111 W. 35th Street  
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 Telephone: 773.869.1234  
 www.triplite.com

OM3 can support 40GBASE-SR4 / 100GBASE-SR10 in applicable parallel optics networks

## 10Gb Duplex Multimode 50/125 OM3 LSZH Fiber Patch Cable, (LC/LC) - Aqua, 50M (164-ft.)

MODEL NUMBER: **N820-50M**



### Highlights

- 50 Meter LC/LC 10Gb Aqua Fiber Patch cable...OM3 rated
- 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

### Package Includes

- 50 meter Duplex Multimode 50/125 Aqua OM3 Fiber Patch Cable, LC/LC

### Description

Tripp Lite introduces its new OM3 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 four 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.

### Features

- 50 Meter LC/LC 10Gb Aqua Fiber Patch cable, OM3 rated
- 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         |       |
|------------------|-------|
| Clad Diameter    | 125um |
| Core Diameter    | 50um  |
| Number of Fibers | 2     |



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| INPUT                               |                           |
|-------------------------------------|---------------------------|
| Cable Length (ft.)                  | 164                       |
| Cable Length (m)                    | 50                        |
| PHYSICAL                            |                           |
| Color                               | Aqua                      |
| COMMUNICATIONS                      |                           |
| Network Speed                       | 10Gbps / 40Gbps / 100Gbps |
| CONNECTIONS                         |                           |
| Side A - Connector 1                | LC DUPLEX (MALE)          |
| Side B - Connector 1                | LC DUPLEX (MALE)          |
| WARRANTY                            |                           |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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