

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

## **10Gb Duplex Multimode 50/125 OM3 LSZH Fiber Patch Cable (LC/SC) - Aqua, 15M (50-ft.)**

MODEL NUMBER: **N816-15M**



### **Highlights**

- Designed for 10-Gig Ethernet applications...OM3 Rated
- Backward compatible with existing 50/125 fiber
- Max 10Gb distance of 300 meters @850nm
- Low-Smoke, Zero Halogen (LSZH) Aqua jacket

### **Applications**

- For use with 10-Gigabit Ethernet equipment

### **Package Includes**

- 15 meter Duplex Multimode 50/125 Aqua OM3 Fiber Patch Cable, SC/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, SC/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.

### **Features**

- 10gb Ethernet speed to 300 meters @850nm, OM3 rated
- 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**

<b>OVERVIEW</b>	
Clad Diameter	125um
Core Diameter	50um
Number of Fibers	2
Fiber Type	50/125 - OM3
Cable Type	Multimode; 10G/40G/100G

<b>INPUT</b>	
Cable Length (ft.)	49
Cable Length (m)	15
<b>PHYSICAL</b>	
Color	Aqua
<b>COMMUNICATIONS</b>	
Network Speed	10Gbps / 40Gbps / 100Gbps
<b>CONNECTIONS</b>	
Connector A	SC DUPLEX (MALE)
Connector B	LC DUPLEX (MALE)
Number of Connectors	4
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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