

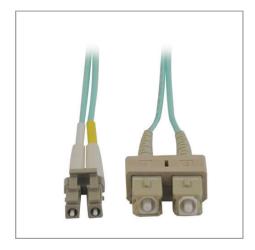


#### **Important Note**

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

#### **Package Includes**

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

#### **Description**

OM3 Laser-Optimized Multimode Fiber (LOMMF) "Aqua" cables are for use with 10 Gb Ethernet applications. These 50/125um SC/LC Fiber Optic cables provide nearly four times the bandwidth over conventional 62.5um multimode fiber with performance rivaling that of singlemode cable at a much reduced cost. LOMMF cable allows 10 Gb serial transmission over extended distances in the 850 nm wavelength window, where low-cost Vertical Cavity Surface Emitting Lasers (VCSELs) enable a cost-effective, high-bandwidth solution. LOMMF is ideally suited for LANs, SANs 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**

OVERVIEW	
UPC Code	037332124852
Technology	Multimode
Optical Mode	ОМЗ





CONNECTIONS		
Side A - Connector 1	SC DUPLEX (MALE)	
Side B - Connector 1	LC DUPLEX (MALE)	
Endface Polish	PC	
PHYSICAL		
Cable Jacket Color	Aqua	
Connector Color	White; Beige	
Cable Jacket Material	LSZH	
Cable Jacket Rating	OFNR	
Clad Diameter (microns)	125	
Core Diameter (microns)	50	
Number of Fibers	2	
Cable Length (ft.)	49.2	
Cable Length (m)	15.00	
Cable Length (in.)	590.6	
Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)	
Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.75	
Shipping Dimensions (hwd / cm)	22.86 x 17.78 x 1.90	
Shipping Weight (lbs.)	0.18	
Shipping Weight (kg)	0.08	
Fiber Cable Length	15M (49.2 ft)	
ENVIRONMENTAL		
Operating Temperature Range	-4° to 140°F (-20° to 60°C)	
Storage Temperature Range	-4° to 140°F (-20° to 60°C)	
Operating Humidity Range	5% to 85% RH, Non-Condensing	
Storage Humidity Range	35% to 65% RH, Non-Condensing	
COMMUNICATIONS		
Network Compatibility	1 Gbps (Gigabit); 10 Gbps; 25 Gbps; 40 Gbps; 100 Gbps	
Attenuation @ 850NM	3.0 dB/km	
Insertion Loss	LC 0.20 dB; SC 0.20 dB	
FEATURES & SPECIFICATIONS		
Push/Pull Tabs	No	
Breakout	No	





Trunk	No	
STANDARDS & COMPLIANCE		
Product Compliance	RoHS; REACH	
WARRANTY & SUPPORT		
Product Warranty Period (Worldwide)	Lifetime limited warranty	

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