

**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/LC) - Aqua, 12M (39 ft.)**

MODEL NUMBER: **N820-12M**



**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**

- 12M (39-ft.) Duplex Multimode 50/125 Aqua OM3 Fiber Patch Cable, LC/LC

**Features**

- 12M (39-ft.) LC/LC, 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	
UPC Code	037332138002
Technology	Multimode
Optical Mode	OM3
CONNECTIONS	
Side A - Connector 1	LC DUPLEX (MALE)
Side B - Connector 1	LC DUPLEX (MALE)
Endface Polish	PC



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PHYSICAL	
Cable Jacket Color	Aqua
Connector Color	White
Cable Jacket Material	LSZH
Cable Jacket Rating	OFNR
Clad Diameter (microns)	125
Core Diameter (microns)	50
Number of Fibers	2
Cable Length (ft.)	39.4
Cable Length (m)	12.01
Cable Length (in.)	472.4
Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)
Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.50
Shipping Dimensions (hwd / cm)	22.86 x 17.78 x 1.27
Shipping Weight (lbs.)	0.20
Shipping Weight (kg)	0.09
Fiber Cable Length	12M (39.4 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	0.20 dB
FEATURES & SPECIFICATIONS	
Push/Pull Tabs	No
Breakout	No
Trunk	No
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; REACH



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**WARRANTY & SUPPORT**

Product Warranty Period  
(Worldwide)

Lifetime limited warranty

1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
<https://tripplite.eaton.com>

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