

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

## 10Gb Duplex Multimode 50/125 OM3 LSZH Fiber Patch Cable with Push/Pull Tab Connectors, (LC/LC) - Aqua, 5M (16 ft.)

MODEL NUMBER: **N820-05M-T**



### Description

Tripp Lite's N820-05M-T is a Premium OM3 Laser-Optimized Multimode Fiber (LOMMF) "Aqua" cable, for use with 10GbE applications. This 50/125um, LC/LC Fiber Optic cable provides nearly four times the bandwidth over conventional 62.5um multimode fiber, with performance rivaling that of Singlemode cable, at a much reduced cost. Each LC/LC connector features a push/pull tab, providing maximum accessibility in high density installations; install or remove the cable with one hand without needing additional tools. LOMMF cable allows 10GbE 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. A slim, uniboot design provides space savings, while premium-grade ceramic ferrules are designed for 10GbE and faster applications. Backward compatible with existing 50/125 fiber. Sturdy plastic housing for long lasting durability.

### Features

- 5M ( 16-ft ) LC/LC, OM3 rated
- Push/Pull tab connectors offer maximum accessibility in high density installations; install / remove with one hand without needing additional tools
- Slim uniboot design saves space and makes cables easier to manage
- Premium-grade ceramic ferrule designed specifically for 10GbE and faster applications
- Sturdy plastic housing for long-lasting durability
- 10GbE speed to 300 meters @850nm
- Use with VCSEL and LED laser light sources
- High-Speed, High-Bandwidth, Low-Cost

### Highlights

- Push/Pull tab connectors offer maximum accessibility in high density installations; install / remove with one hand without needing additional tools
- Slim uniboot design saves space and makes cables easier to manage
- Premium-grade ceramic ferrules designed specifically for 10GbE and faster applications
- Sturdy plastic housing for long-lasting durability
- Backward compatible with existing 50/125 fiber
- Max 10GbE distance of 300 meters @850nm
- Low-Smoke, Zero Halogen (LSZH) Aqua jacket

### Package Includes

- 5M ( 16-ft ) Duplex Multimode 50/125 Aqua OM3 Fiber Patch Cable with Push/Pull Tabs, LC/LC



- Backward compatible with legacy LAN's
- Ideal for Fibre Channel (SAN) applications
- IEEE 802.3ae and TIA LOMMF compliant

## Specifications

OVERVIEW	
UPC Code	037332184504
Clad Diameter	125 micron
Core Diameter	50 micron
Number of Fibers	2
Optical Mode	OM3
INPUT	
Cable Length (ft.)	16.4
Cable Length (m)	5
Cable Length (in.)	196.9
PHYSICAL	
Color	Aqua
Shipping Dimensions (hwd / cm)	22.86 x 17.78 x 1.27
Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.50
Shipping Weight (kg)	0.03
Shipping Weight (lbs.)	0.07
COMMUNICATIONS	
Network Speed	10Gbps / 40Gbps / 100Gbps
CONNECTIONS	
Side A - Connector 1	LC DUPLEX (MALE) WITH PULL/PUSH TAB
Side B - Connector 1	LC DUPLEX (MALE) WITH PULL/PUSH TAB
FEATURES & SPECIFICATIONS	
Technology	Multimode
SPECIAL FEATURES	
Push/Pull Tabs	Yes



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WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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