

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



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- 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<br>(Worldwide) | Lifetime limited warranty |

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