

## **Fiber Optic Cable - 10 Gb Aqua - Multimode Duplex 50/125 - LSZH - LC/LC - 1 m**

Product ID: A50FBLCLC1



The A50FBLCLC1 1m 850nm Laser-Optimized Multimode Fiber (LOMMF) Aqua Cord features 50/125 micron fiber for high-speed, high bandwidth data transmissions over 10 Gigabit Ethernet and Fiber Channel networks - the perfect solution for fiber cable runs between multiple backbone switches, hubs and routers as well as higher end networking equipment.

This LC-LC patch cable is housed in a LSZH (Low-Smoke, Zero-Halogen) flame retardant jacket, to ensure minimal smoke, toxicity and corrosion when exposed to high sources of heat, in the event of a fire – an ideal solution for use in industrial settings, central offices and schools, as well as residential settings where building codes are a consideration.

Each Duplex 50/125 (OM3) Multimode Fiber Patch Cable is individually tested and certified to be within acceptable optical insertion loss limits for guaranteed compatibility and 100% reliability, and is backed by our lifetime warranty.

### Certifications, Reports and Compatibility



### Applications

- Use in 10 Gigabit High Speed Network Environments
- Ideal solution for data applications requiring high speed data transmission
- Broadband systems
- Telecommunication/Data communication
- Fiber Connections in Patch Panels, Hubs, Switches, Routers

### Features

- 2x LC MM male connectors
- Laser-optimized multimode fiber (LOMMF)
- OM3 (50/125) 2000MHz multimode fiber
- Compatible with 850nm VCSEL source
- Attenuation loss meets or exceeds industry standards
- Molded connectors

|                                 |                            |                                                                         |
|---------------------------------|----------------------------|-------------------------------------------------------------------------|
| <b>Hardware</b>                 | Warranty                   | Lifetime                                                                |
|                                 | Fiber Size                 | 50/125                                                                  |
|                                 | Fire Rating                | LSZH Rated (Low Smoke Zero Halogen)                                     |
| <b>Performance</b>              | Cable Rating               | 10Gbps / 40Gbps / 100Gbps                                               |
|                                 | Fiber Classification       | OM3                                                                     |
|                                 | Maximum Data Transfer Rate | 100Gbps                                                                 |
|                                 | Type                       | Multi Mode                                                              |
|                                 | Wavelength                 | 850nm                                                                   |
| <b>Connector(s)</b>             | Connector A                | 1 - Fiber Optic LC Duplex Male                                          |
|                                 | Connector B                | 1 - Fiber Optic LC Duplex Male                                          |
| <b>Environmental</b>            | Humidity                   | 0~90% RH                                                                |
|                                 | Operating Temperature      | -20°C to 60°C (-4°F to 140°F)                                           |
|                                 | Storage Temperature        | -20°C to 60°C (-4°F to 140°F)                                           |
| <b>Physical Characteristics</b> | Cable Length               | 3.3 ft [1 m]                                                            |
|                                 | Color                      | Aqua                                                                    |
|                                 | Diameter                   | 3mm                                                                     |
|                                 | Product Length             | 3.3 ft [1 m]                                                            |
|                                 | Weight of Product          | 0.5 oz [15 g]                                                           |
| <b>Packaging Information</b>    | Package Height             | 0.6 in [14 mm]                                                          |
|                                 | Package Length             | 8.7 in [22 cm]                                                          |
|                                 | Package Width              | 7.9 in [20 cm]                                                          |
|                                 | Shipping (Package) Weight  | 0.8 oz [24 g]                                                           |
| <b>What's in the Box</b>        | Included in Package        | 1 - 1m 10Gb Aqua Multimode 50/125 Duplex LSZH Fiber Patch Cable LC - LC |

Product appearance and specifications are subject to change without notice.