

10m (30ft) LC/UPC to LC/UPC OM3 Multimode Fiber Optic Cable, Full Duplex 50/125m Zipcord Fiber Cable, 100G, Low Insertion Loss, LSZH Fiber Jumper Cord

Product ID: A50FBLCLC10



The A50FBLCLC10 10m 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

- **OM3 FIBER CABLE:** OM3 Laser-Optimized Multimode Fiber Cable delivers up to 100 Gbps Ethernet; Full-duplex zip-cord with color-coded TX/RX connectors for cabling servers and Storage Area Networks (SANs)
- **QUALITY CONSTRUCTION:** 50/125m fiber core/cladding is immune to EMI; Protective Aramid fiber sheath for improved tensile strength and crush resistance; LC/LC connectors with UPC polished ceramic ferrules for insertion loss below 0.3dB
- **RATINGS AND RELIABILITY:** Individually tested for signal integrity; LSZH jacket emits low-smoke and fumes in case of fire; TIA/EIA compliant fiber core; Attenuation value under 2.3dB/km meets or exceeds industry standards
- **WIDE COMPATIBILITY:** OM3 LC/LC multimode cable supports 1/10/40/100 Gbps networks; Backward compatible with OM3; For high-density network applications such as SANs, data servers, fiber switches, SFP+, QSFP+, and QSFP28 transceivers
- **SPECS:** 10m (33ft); Color: Aqua (OM3); LC/LC UPC; 850nm or 1300nm LED/VCSEL; Modal Bandwidth: 2000MHz·km at 850nm; Cable OD: 2.9mm; Bend Radius: Static 1.2in (3cm), Dynamic 2.4in (6cm); Backed for Life

Hardware

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|----------------------|-------------------------------------|
| Warranty | Lifetime |
| Fiber Size | 50/125 |
| Fire Rating | LSZH Rated (Low Smoke Zero Halogen) |
| Fiber Classification | OM3 |

Performance

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|----------------------------|-----------------------------------|
| Maximum Data Transfer Rate | 100Gbps |
| Cable Rating | 1Gbps / 10Gbps / 40Gbps / 100Gbps |
| Type | Multi Mode |
| Wavelength | 850nm |

Connector(s)

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|-------------|---------------------------|
| Connector A | 1 - Fiber Optic LC Duplex |
| Connector B | 1 - Fiber Optic LC Duplex |

Environmental

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|-----------------------|---------------------------|
| Operating Temperature | -20C to 60C (-4F to 140F) |
| Storage Temperature | -20C to 60C (-4F to 140F) |
| Humidity | 0~90% RH |

Physical Characteristics

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|-------------------|------------------|
| Color | Aqua |
| Cable Length | 32.8 ft [10 m] |
| Diameter | 3mm |
| Product Length | 32.8 ft [10.0 m] |
| Product Width | 0.0 in [0.0 cm] |
| Product Height | 0.0 in [0.0 cm] |
| Weight of Product | 4.9 oz [139.0 g] |

Packaging Information

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|---------------------------|------------------|
| Package Quantity | 1 |
| Package Length | 8.7 in [22.0 cm] |
| Package Width | 7.9 in [20.0 cm] |
| Package Height | 1.1 in [2.8 cm] |
| Shipping (Package) Weight | 5.2 oz [148.0 g] |

What's in the Box

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|---------------------|--|
| Included in Package | 1 - 10m 10Gb Aqua Multimode 50/125 Duplex LSZH Fiber Patch Cable LC - LC |
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**Product appearance and specifications are subject to change without notice.*