

2m (6ft) 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: A50FBLCLC2



The A50FBLCLC2, 2-meter (6.6ft), 10 Gigabit, Aqua Multimode 50/125 Duplex LSZH Fiber Patch Cable is terminated at both ends with LC (male) connectors and is composed of 50/125 micron OM3 aqua fiber to deliver reliable data transfers at blinding speeds making it perfect for fiber cable runs between multiple backbone switches, hubs and routers as well as higher end networking equipment.

Suited for a broad range of environments, A50FBLCLC2 is housed in a flame retardant, LSZH (Low-Smoke, Zero-Halogen) cable jacket, taking safety to a new level by ensuring minimal smoke, toxicity and corrosion in the event of a fire – making it the best choice for a wide range of environments, including industrial settings, central offices and schools, as well as residential settings where building codes are a consideration.

Certifications, Reports and Compatibility



Applications

- Ideal solution for data applications requiring high speed data transmission
- Broadband systems
- Telecommunication / Data communication
- Used in 10 Gigabit high speed network environments

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:** 2m (6.6ft) 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 |
| Cable Jacket Material | Low Smoke Zero Halogen |
| 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) |
|-----------------------|---------------------------|

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

Physical Characteristics

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|-------------------|-----------------|
| Color | Aqua |
| Cable Length | 6.6 ft [2 m] |
| Cable OD | 0.1 in [3 mm] |
| Product Length | 6.6 ft [2.0 m] |
| Product Width | 0.6 in [1.5 cm] |
| Product Height | 0.4 in [1.1 cm] |
| Weight of Product | 1.2 oz [34.0 g] |

Packaging Information

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|---------------------------|------------------|
| Package Quantity | 1 |
| Package Length | 6.2 in [15.8 cm] |
| Package Width | 6.6 in [16.7 cm] |
| Package Height | 1.1 in [2.7 cm] |
| Shipping (Package) Weight | 1.5 oz [42.0 g] |

What's in the Box

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| Included in Package | 1 - 2m 10 Gb Aqua Multimode 50/125 Duplex LSZH Fiber Patch Cable LC - LC |
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Warranty Information

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| Warranty | Lifetime |
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**Product appearance and specifications are subject to change without notice.*