15m (50ft) 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: A50FBLCLC15

This OM3 LC to LC Multimode Duplex Fiber Optic Patch cable features 50/125 micron fiber and supports high-bandwidth data transmission over a 10 Gigabit Ethernet connection.

With laser-optimized multimode fiber (LOMMF), the patch cable is ideal for connecting 850 nm Vertical Cavity Surface Emitting Laser (VCSEL) and LED sources. The high-speed connectivity on the aqua fiber-optic cable provides a high-bandwidth solution for your data centers or high-density applications.

Each OM3 fiber cable is individually tested and certified to be within acceptable optical insertion loss limits for guaranteed compatibility and 100% reliability.

Housed in a LSZH (Low-Smoke, Zero-Halogen) flame retardant jacket, this fiber-optic cable ensures minimal smoke, toxicity and corrosion when exposed to high sources of heat, or in the event of a fire. It's 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.

A50FBLCLC15 is backed by a StarTech.com lifetime warranty and free lifetime technical support.

Certifications, Reports and Compatibility

RoHS Compliant | WEEE/GK0063TV | CE

Applications

• Use in 10 Gigabit high-speed network environments

• High-speed connectivity for high-density applications

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: 15m (49ft); 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

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

Performance

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

Connector(s)

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

Environmental

	Operating Temperature	-20C to 60C (-4F to 140F)

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

Physical Characteristics

	Color	Aqua
	Cable Length	49.2 ft [15 m]
	Product Length	49.2 ft [15.0 m]
	Product Width	0.0 in [0.0 cm]
	Product Height	0.0 in [0.0 cm]
	Weight of Product	6.9 oz [195.0 g]

Packaging Information

	Package Quantity	1
	Package Length	6.8 in [17.3 cm]
	Package Width	7.7 in [19.6 cm]
	Package Height	1.5 in [3.8 cm]
	Shipping (Package) Weight	7.3 oz [208.0 g]

What's in the Box

	Included in Package	1 - 15 m Fiber Patch Cable

Warranty Information

	Warranty	Lifetime

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