2m (6ft) LC/UPC to LC/UPC OM4 Multimode Fiber Optic Cable, 50/125m LOMMF/VCSEL Zipcord Fiber, 100G Networks, Low Insertion Loss, LSZH Fiber Patch Cord

Product ID: 450FBLCLC2

This fiber optic cable lets you connect 40GBase-SR4, 100GBase-SR10, SFP+ and QSFP+ transceivers in 40 and 100 Gigabit networks. The OM4 cable supports Vertical Cavity Surface Emitting Laser (VCSEL) and LED light sources and is backward compatible with your existing 50/125 equipment.

This Aqua OM4 duplex multimode fiber 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. It's ideal for use in industrial settings, central offices and schools, as well as residential settings where building codes are a consideration.

Each OM4 fiber cable is individually tested and certified to be within acceptable optical insertion loss limits for guaranteed compatibility and 100% reliability.

The 450FBLCLC2 from StarTech.com is backed by a lifetime warranty.

Certifications, Reports and Compatibility

Applications

• Use in 40/100 Gigabit Ethernet and Fiber Channel applications

• Supports VCSEL laser and LED light sources

Features

• OM4 FIBER CABLE: OM4 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 if combusted; Attenuation value under 2.3dB/km meets or exceeds industry standards

• COMPATIBILITY: OM4 LC/LC multimode cable supports 1/10/40/100 Gbps for high-density network applications such as SANs, data servers, SFP+ and QSFP+ connections over 1000BASE-SX, 10GBASE-SR, 40GBASE-SR4, and 100GBASE-SR10

• SPECS: 2m (6.6ft) Color: Aqua (OM4); 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
	Fire Rating	LSZH Rated (Low Smoke Zero Halogen)
	Fiber Size	50/125

Performance		
	Maximum Data Transfer Rate	100Gbps
	Cable Rating	1Gbps / 10Gbps / 40Gbps / 100Gbps
	Fiber Classification	OM4
	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	6.6 ft [2 m]
	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

	Package Quantity	1
	Package Length	8.7 in [22.0 cm]
	Package Width	7.9 in [20.0 cm]
	Package Height	0.2 in [5.8 mm]
	Shipping (Package) Weight	1.5 oz [42.0 g]

What's in the Box

	Included in Package	1 - LC fiber-optic cable

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