1m (3ft) LC/UPC to SC/UPC OM3 Multimode Fiber Optic Cable, Full Duplex 50/125m Zipcord Fiber, 100G Networks, LOMMF/VCSEL, <0.3dB Low Insertion Loss, LSZH Fiber Patch Cord

Product ID: A50FBLCSC1



Perfect for fiber cable runs between multiple backbone switches, hubs and routers as well as higher end networking equipment, this high speed 10 Gigabit Multimode Duplex Fiber Cable is terminated with LC and SC connectors, and is composed of 50/125 micron OM3 aqua fiber to deliver reliable data transfers at blinding speeds.

Suited for a broad range of environments, A50FBLCSC1 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

• Used in 10 Gigabit high speed network environments

• Telecommunication / Data communication

• Broadband systems

• Ideal solution for data applications requiring high speed data transmission

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/SC 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

• COMPATIBILITY: OM3 LC/SC 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; Backward compatible with OM2

• SPECS: 1m (3.3ft); Color: Aqua (OM3); LC/SC 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	OM3
	Type	Multi Mode
	Wavelength	850nm
Connector(s)		
	Connector A	1 - Fiber Optic LC Duplex
	Connector B	1 - Fiber Optic SC 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	3.3 ft [1 m]
	Diameter	3mm
	Product Length	3.3 ft [1.0 m]
	Product Width	0.0 in [0.0 mm]
	Product Height	0.0 in [0.0 mm]
	Weight of Product	0.9 oz [26.0 g]
Packaging Information		
	Package Quantity	1
	Package Length	8.7 in [22.0 cm]
	Package Width	7.9 in [20.0 cm]
	Package Height	1.0 in [2.6 cm]
	Shipping (Package) Weight	1.2 oz [35.0 g]

Product appearance and specifications are subject to change without notice.