1m (3ft) LC to LC (UPC) OM4 Multimode Fiber Optic Cable, Erika Violet, 50/125m, 40G/100G, LOMMF/VCSEL, Uniboot Fiber Jumper Cord, OFNR Riser Rated

Product ID: OM4RLCLC1M



This OM4 LC to LC Multimode Duplex Fiber Optic Patch cable delivers reliable connectivity across 40 and 100 Gigabit networks. The TIA-standard Erika Violet jacket clearly distinguishes OM4 from Aqua OM3/OM4 cabling, eliminating guesswork in critical network setups. The compact uniboot connector design enables easy insertion and removal in high-density installations.

Built with laser-optimized multimode fiber (LOMMF), the OM4 fiber patch cable is ideal for 850 nm and 1350 nm Vertical Cavity Surface Emitting Laser (VCSEL) and LED sources. Precision-manufactured ceramic ferrules maintain accurate fiber alignment to prevent connectivity issues and minimize insertion loss. Designed for reliability in high-density network applications, the LC to LC UPC polished fiber ends greatly improves return loss characteristics over older PC polishing techniques which may negatively affect performance.

Housed in an OFNR (Optical Fiber Nonconductive Riser) flame-retardant jacket, this Riser-rated OM4 fiber cable is engineered to minimize vertical flame propagation between building floors. It ensures safer cable installations in riser spaces and vertical shafts within commercial buildings, supporting compliance with fire codes in multi-story structures and other regulated environments.

This multimode 50/125m fiber optic patch cord is backward compatible with OM3 and 1/10/40 Gbps networks, ensuring a reliable connection with legacy fiber environments.

StarTech.com fiber cables undergo rigorous testing to verify operation within strict optical insertion loss limits, ensuring compatibility and 100% reliability

Certifications, Reports and Compatibility

Applications

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

• Supports VCSEL laser and LED light sources

• OFNR riser-rated for safe and compliant cable installations in vertical shafts and riser spaces within buildings

Features

• ERIKA VIOLET OM4: OM4 multimode fiber cable is immune to EMI and supports up to 100Gbps; Erika Violet jacket is TIA-standardized for OM4, avoiding OM3/OM4 confusion with Aqua cables; Compact uniboot design enhances airflow & access in dense installations

• QUALITY CONSTRUCTION: LC/LC connectors with UPC polished ends significantly improves return loss over PC polish; Robust molded strain reliefs minimize wear from bending; Protective Aramid yarn for increased tensile strength

• SAFETY AND RELIABILITY: Each cable is individually tested for guaranteed OM4 performance and includes a test report; OFNR riser-rated cable jacket minimizes flame spread between floors in riser spaces; Attenuation value of 3dB/km meets TIA standards

• WIDE COMPATIBILITY: Supports 1/10/40/100 Gbps full duplex transmission; Backward compatible with OM3; For high-density network applications such as SANs, data servers, fiber switches, and LC-based SFP/SFP+ transceivers

• SPECS: 1-meter (3.3-foot); Color: Erika Violet (OM4); LC/LC UPC; 50/125m; 850nm/1300nm LED/VCSEL; Modal Bandwidth: 2000MHz/km at 850nm; OFNR (Riser) Jacket; Cable OD: 1.6mm; Min Bend Radius: 7.5mm (0.29in)

Hardware		
	Warranty	Lifetime
	Fiber Size	50/125
	Cable Jacket Material	PVC - Polyvinyl Chloride
	Fire Rating	OFNR Riser
	Fiber Classification	OM4
Performance		
	Maximum Data Transfer Rate	100Gbps
	Cable Rating	1Gbps / 10Gbps / 40Gbps / 100Gbps
	Type	Multi Mode
	Wavelength	850nm

		1300nm
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	Erika Violet
	Cable Length	3.3 ft [1 m]
	Cable OD	0.1 in [1.6 mm]
	Product Length	39.4 in [1000 mm]
	Product Width	0.5 in [12.6 mm]
	Product Height	0.4 in [10.6 mm]
	Weight of Product	1.1 oz [31.8 g]
Packaging Information		
	Package Length	7.1 in [18.0 cm]
	Package Width	9.1 in [23.0 cm]
	Package Height	0.0 in [0.2 mm]
	Shipping (Package) Weight	1.1 oz [31.8 g]
What's in the Box		
	Included in Package	1 - 1m OM4 Multimode Fiber Optic Cable LC - LC

Product appearance and specifications are subject to change without notice.