

1m LC to LC Multimode Duplex OM4 LSZH Fibre Optic Cable

Introducing the LC to LC Multimode Duplex OM4 LSZH Fibre Optic Cable, now available in a convenient 1-meter length. Elevate your networking solutions with this high-quality fibre optic cable, designed for exceptional data transmission and safety.

Features

- High-grade 50µm/125µm multimode fibres ensure optimal data transmission for high-density applications.
- Low Smoke Zero Halogen (LSZH) material minimizes toxic emissions, providing a safer cabling solution for public spaces and health facilities.
- LC to LC connectors ensure secure and high-precision connections critical for maintaining data integrity.
- OM4 fibre rating ensures compatibility with a wide range of network hardware, facilitating smooth integration into existing infrastructure.



Product Specifications	
Connector Type	LC to LC
Fibre Type	OM4
Ferrule Material	Ceramic
Cable Construction	Duplex zip-cord with aramid yarn strength members
Cable Diameter	1.8mm nominal overall
Core / Cladding Diameter	50µm / 125µm
Buffer Diameter	900µm
Wavelength	Optimised for 850nm VCSELs for high-speed data transfer
Bandwidth	4700MHz*km effective modal bandwidth (EMB) at 850nm
Transmission Speed	Up to 100Gbps at 150m
Maximum Attenuation	2.3dB/km at 850nm; 0.6dB/km at 1300nm
Maximum Distance	Up to 100Gbps at 150m; Up to 10Gbps at 550m
Polarity	A-to-B cross, compliant with TIA 568 standard
Jacket Material	Low Smoke Zero Halogen (LSZH)
Fire Rating	IEC 60332-1, IEC 60332-3, OFNR or OFNP

Standards Compliance	TIA/EIA-492AAAD, ISO/IEC 11801, IEC 60793-2-10, IEC 61754-4
Minimum Bend Radius	7.5 times the outer diameter
Pulling Tension	200N max.
Numeric Aperture	0.200 nominal
Strain Relief	Bend-insensitive fibre design
Crush Resistance	500N/100mm
Impact Resistance	1.0Nm (impacts)
Flexibility	5000 cycles
Cable Length	1 meter
Operating Temperature	-20°C to +70°C
Installation Temperature	0°C to +50°C

Product Information	
Part Number	60021PI
EAN	5050171087930
Units per Pack	1
Packaging Size	21.5 x 17 x 0.5cm
Finished Packaging Weight	18g
Outer Box Qty	-
Outer Size	-
Outer Gross Weight	-
Outer Net Weight	-