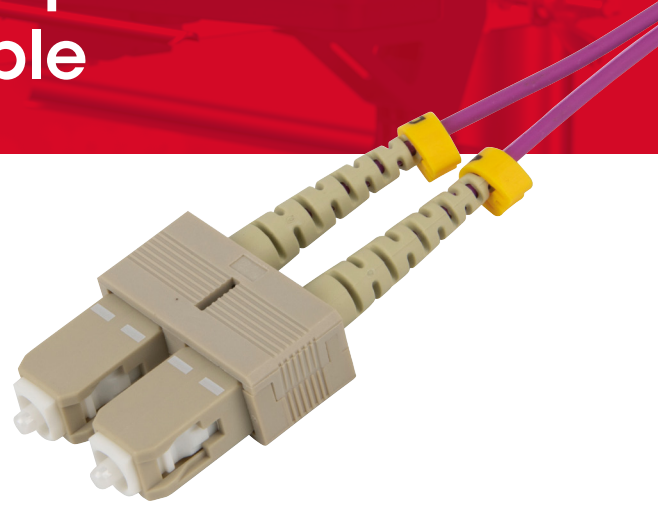


1m SC to SC Multimode Duplex OM4 LSZH Fibre Optic Cable

Boost your network's performance with the SC to SC Multimode Duplex OM4 LSZH Fibre Optic Cable, specifically designed for superior data transmission rates and safety.

Features

- Crafted with high-quality 50µm/125µm fibres, this cable is capable of supporting high-speed data transfer, suitable for advanced networking environments like multimedia broadcasting.
- Incorporates Low Smoke Zero Halogen (LSZH) jacketing for enhanced safety, reducing harmful emissions in case of fire and ensuring the wellbeing of personnel and equipment.
- Comes with reliable SC to SC connectors that offer a secure connection and maintain data integrity, a necessity for critical network operations and data centres.
- With OM4 rating, the cable provides high bandwidth and extended reach for long-range communication needs, making it ideal for both in-building and inter-building connections.



Product Specifications	
Connector Type	SC to SC
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
Operating Temperature	-20°C to +70°C
Installation Temperature	0°C to +50°C

Product Information	
Part Number	60009PI
EAN	5050171087817
Units per Pack	1
Packaging Size	21.5 x 17 x 0.5cm
Finished Packaging Weight	26g
Outer Box Qty	-
Outer Size	-
Outer Gross Weight	-
Outer Net Weight	-