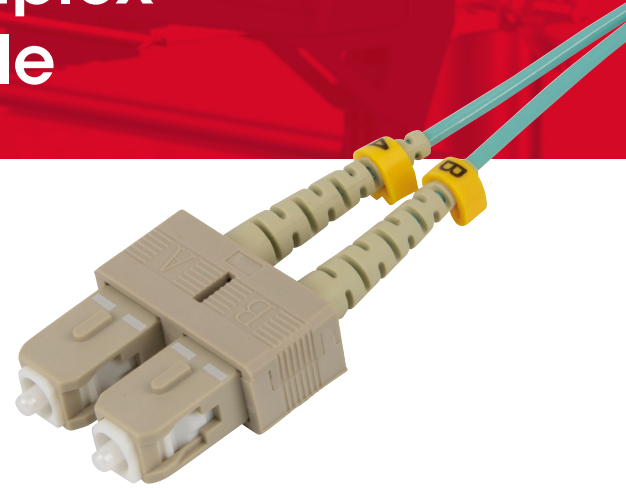


# 1m SC to SC Multimode Duplex OM3 LSZH Fibre Optic Cable

Introducing the SC to SC Multimode Duplex OM3 LSZH Fibre Optic Cable, precision-engineered to meet the demands of next-generation high-speed networks.

## Features

- Crafted with 50µm/125µm fibres, the cable is optimised for high data transfer rates, making it ideal for data centres, enterprise networks, and telecommunication platforms.
- Features Low Smoke Zero Halogen (LSZH) sheathing to ensure maximum safety in environments where fire hazards can pose a serious risk to health and safety.
- Equipped with SC to SC connectors that provide a secure lock and high precision alignment, crucial for ensuring high-speed data and video transmissions.
- The OM3 specification allows for extended reach over high bandwidth, supporting longer distance applications without sacrificing speed or quality.
- The 1-meter length allows for a clutter-free installation, essential in environments cable management is key.



Product Specifications	
Connector Type	SC to SC
Fibre Type	OM3
Ferrule Material	Ceramic
Cable Construction	Microcore® technology
Cable Diameter	2.0mm nominal overall
Core / Cladding Diameter	50µm / 125µm
Wavelength	Optimised for 850Nm VCSELs for high-speed data transfer
Bandwidth	2000MHz*km effective modal bandwidth (EMB) at 850Nm
Transmission Speed	Up to 40Gbps at 100m
Maximum Attenuation	2.3dB/km at 850Nm; 0.6dB/km at 1300Nm
Maximum Distance	Up to 40Gbps at 100m; Up to 10Gbps at 300m
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-492AAAC, IEC 60793-2-10, IEC 61754-4, ISO/IEC 11801

Minimum Bend Radius	7 times the outer diameter
Pulling Tension	200N max.
Numeric Aperture	0.200 nominal
Strain Relief	100-kpsi min.
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	60006PI
EAN	8544700090
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	-