

LC to SC SM Duplex Fibre Patch Lead

L1-LCSC-SM-229-XX

*XX – Length

PRODUCT DESCRIPTION:

Layer 1 Single Mode duplex Fibre optic patch leads are used as the connection medium for virtually all optical fibre networks.

Layer 1 has a range of factory terminated patch leads to suit almost any network. A broad range of fibre type, cable construction, sheath colour and connector types are available to suit your requirements.

All Layer 1 patch leads are factory tested and manufactured using only the highest grade components.



APPLICATIONS

- ◆ Telecommunications interconnection points
- ◆ Data centre equipment, cross connect and lead-ins
- ◆ LAN, SAN and Optical Channel Fibre networks
- ◆ FTTx end user patch points
- ◆ Communications room equipment patching
- ◆ Fibre test equipment

KEY FEATURES

- ◆ Factory machine polished ferrules ensure high quality low loss connections
- ◆ High performance zirconia ferrules
- ◆ Durable construction provides reliable mating every time
- ◆ Standards compliant insertion and return loss
- ◆ Fully factory tested using standards compliant test methods
- ◆ Broad stockholding, plus any length made to order
- ◆ Specialists in uncommon connectors, hybrid leads & coloured varieties

TECHNICAL SPECIFICATION

Part Number	L1-LCSC-SM-229-XX
Description	LC to SC SM Duplex Fibre Optic Patch Lead
Length	1m, 1.5m, 2m, 3m, 5m, 10m, 15m, 20m, 30m, 40m & 50m
Colour	Yellow
Package Type	Compound bag
LC/PC I.L	<0.25dB; Return loss>50dB
SC/PC I.L	<0.25dB; Return loss>50dB
Wavelength	1310&1550nm
Operating temperature	20'C~+ 75'C
Storage temperature	40'C~+ 75'C
Connector	UL 94V-O
All single-mode Optical patch cords and pigtailed shall comply with ITU-T standards	
Mode Field Diameter	10 μ \pm 1 μ m @1300nm
Cladding Diameter	125 μ \pm 1 μ m
Optical Attenuation	<=0.36 dB/Km @1300 \pm 25nm; <=0.22 dB/Km @1550 \pm 25nm
Chromatic Dispersion Coefficient	<=3.5 ps/nm.km @1285 - 1330 nm; <=18 ps/nm.km @ 1525 - 1575 nm
Polarization Mode Dispersion Coefficient	=0.20 ps/ Km
Cable Cut-off Wavelength	<=1260 nm