LC to LC SM Duplex Fibre Patch Lead L1-LCLC-SM-229-XX

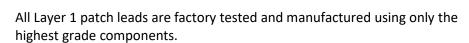
*XX - Length



PRODUCT DESCRIPTION:

Layer 1 Single Mode duplex Fibre optic patch 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.





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-LCLC-SM-229-XX
Description	LC to LC 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
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 pigtails shall comply with ITU-T standards	
Mode Field Diameter	10 μ ± 1 μ m @1300nm
Cladding Diameter	125 μ ± 1 μ m
Optical Attenuation	<=0.36 dB/Km @1300 <u>+</u> 25nm; <=0.22 dB/Km @1550 <u>+</u> 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
