

LC CONNECTORS - LC Multimode Simplex PC

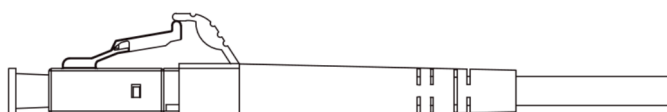
LC connector is a small form factor fibre optic connector using a 1.25 outer ferrule, which is half the diameter of a standard ferrule. As a result the LC connector helps to reduce space on panels or outlets by 50%. A common connects within data applications, it is a cost effective choice, simplifying movement additions and modifications. LC connectors are available in singlemode PC and multimode PC. The connectors come with standard boots suitable for 900um, 2mm and 3mm cable diameters. The LC connector are also available in simplex and duplex (with clips) options. The LC connector is available in standard colours including blue (singlemode-PC), green (singlemode-APC), and beige (multimode).

APPLICATIONS

- Data centres, premise installations, CATV, telecommunications networks
- Ethernet, LAN, and WAN

FEATURES

- Low insertion loss and back reflection
- A 1.25mm outer diameter zirconia ceramic ferrule with high end finish
- RoHS, REACH SvHC compliant
- Designed to conform to or exceed all relevant ISO/IEC and TIA/EIA standards
- Premium performance connectors, alternative boot variations (red & black) and switchable uniboot with integrated latching mechanisms available
- APC variants also available



MECHANICAL PROPERTIES	CRITERIA	EFFECT
Mechanical endurance	500 matings	<0.2 db change
Vibration	10-55Hz, 0.75 amplitude	<0.2 db change
Drop	Drop height 1M, 5 drops	<0.2 db change
Cable Retention	Magnitude 90 N	<0.2 db change
Cable Torsion	1.5kg - 2.5kg for 2mm-3mm cable diameter	<0.2 db change
Operating temperature (°C)	-25 to +70, 12 cycles	<0.2 db change
Cold (°C)	-25 for 96 hrs	<0.2 db change
Dry Heat (°C)	+70 for 96 hrs	<0.2 db change

PERFORMANCE	MULTIMODE	SINGLEMODE - PC	SINGLEMODE - APC
Insertion loss (typ) (db)	0.30	0.25	0.25
Insertion loss (97%) (db)	0.40	0.40	0.40