



LC Connector Datasheet

Key Features:

Complies with IEC 61754-20 and TIA 604-10-B, FOCIS-10 for intermateability

Low insertion loss and back reflection capability

Compact SFF design with snag free latch for easy insertion and consistent connection

Connector housing and duplex clip available in different colors for easy identification

Zirconia ceramic ferrule available in several performance grades

RoHS materials, REACH SvHC compliant

Individual parts packed in bulk package

Application:

Datacentre Applications

Telecommunication networks

LAN, MAN and WAN application

Fibre-To-The-Home (FTTH)

CATV - Cable television

Data processing networks

Premises distribution

Specification:

MECHANICAL PROPERTIES	CRITERIA	EFFECT	CONFORMANCE
Mating	500 matings	<0.2db change	IEC 61300-2-2
Durability			
Vibration	10-55Hz, 0.75 amplitude	<0.2db change	IEC 61300-2-1
Drop	Drop height 1m, 5 drops	<0.2db change	IEC 61300-2-12
Cable Retention	Magnitude 70N	<0.2db change	IEC 61300-2-4
Cable Torsion	1.5kg - 2.5kg for 2mm-3mm cable diameter	<0.2db change	IEC 61300-2-5
Operating Temperature	-25 to +70, 12 cycles	<0.2db change	IEC 61300-2-22
Cold	-25 for 96 hrs	<0.2db change	IEC 61300-2-17
Dry Heat	+70 for 96 hrs	<0.2db change	IEC 61300-2-18



The LC connector features a 1.25mm Zirconia ferrule in a small form factor (SFF) fibre optic connector housing with a snag free latch which gives an audible click upon engaging for reliable and high density connections.

A range of pigtail, simplex and duplex LC connectors are manufactured including Low Loss and High Performance Grades which are suitable for various applications.

The LC connectors are available for singlemode UPC with white or blue boots, for APC with green boots and for multimode PC with white, red or black boots suitable for 900µm or 3mm cable diameters or with heatshrink and crimp cable retention method for 2mm cable diameters (white and yellow for duplex and yellow for simplex).

The LC connector is available in simplex and duplex (with clips) in standard colours including blue (singlemode) , green (singlemode APC) and beige (multimode).

Mikrolink can supply all standard configuration connectors, as well as custom configurations, boots, labelling and OEM branding

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