

Fiber optic products

The **LC** connector is a small form-factor fiber optic connector. The LC connector resembles a small SC connector. Lucent Technologies developed the LC connector for use in Telco environments. The LC connector has been standardized as FOCIS 10 (Fiber Optic Connector Intermateability Standards) in EIA/TIA-604-10.



HOUSING SPECIFICATION

1. Main Body Material

Plastic Housing & Zirconia Ferrule

2. Housing/Boot Color

White- (Pc/Sm); Green- (Apc/Sm); White/Grey - (Pc/Mm)

Other Colors Available

3. Ferrule Options

SM—LC/SM125, 125.5& MM—LC/MM126, 127

APC—CONE TYPE125, 125.5

4. **Boot Size:** 3.0mm, 2.0mm, 0.9mm are Available

CONNECTOR SPECIFICATION

- ✦ Compliant With **TIA/EIA, FOCIS10, EIA/TIA-604-10, GR-326 IEC and JIS C5973** Etc
- ✦ Meets UL94-VO Flammability Requirements
- ✦ Insertion Loss: SM \leq 0.20DB MM \leq 0.25DB
- ✦ Return Loss: SM/PC \geq 45DB , MM \geq 40DB
SM/UPC \geq 55DB, SM/APC \geq 65DB
- ✦ Durability : \leq 0.2 DB
- ✦ Plug Times: >1,000
- ✦ High Precision Alignment
- ✦ Excellent Durability
- ✦ Excellent Interchangeability
- ✦ Excellent Repeatability
- ✦ Good Temperature Characteristic
- ✦ High Performance and Reliability

APPLICATIONS

- ✦ Fiber Optic Patch Cord & Pigtail
- ✦ Telecommunication Devices
- ✦ Data Communications Networks
- ✦ Optical Fiber LAN and Access Network
- ✦ Industry and Military Applications

