



LC Connector

Optical connector is used to connect two fibers, it makes two of the optical fiber end face precision docking, the connector affects reliability and stability of optical transmission system. At present, it has been widely used in optical transmission lines, ODN and fiber optic test instruments, meters.

Features

- RJ-45 style interface
- Compact, pull-proof design
- High precision alignment
- Behind-the-Wall style short connector
- UL-rated plastic housing and boot
- Low insertion loss and back reflection loss
- Polarized and color coded (TIA568-A & ISO 11801)

Applications

- Gigabit Ethernet
- Video
- Multimedia
- Active device termination
- Premise installations
- Telecommunication networks

The LC connector has a unique body that offers maximum resistance to mechanical tests, including lateral load tests. Manufactured with the highest standards, it is designed to meet and exceed our customers requirements.

Specification

| Item | Specification | |
|-----------------------|---------------------------------------|------------------------------|
| | Single mode | Multimode |
| Insertion Loss | ≤0.30dB | ≤0.30dB |
| Return Loss | ≥50 dB (PC) ≥60 dB (APC) | / |
| Durability | <0.20 dB typical change, 1000 matings | / |
| Operating Temperature | -40 to + 85°C | -40 to + 85°C |
| Ferrule Hole Sizes | 125.0+1/-0μm, Concentricity: ≤1.0μm | 127μm, Concentricity: ≤3.0μm |
| | 125.5+1/-0μm, Concentricity: ≤1.0μm | / |
| | 126.0+1/-0μm, Concentricity: ≤1.0μm | / |

Outline Drawing

