



LC-FC OM1 Multimode Fiber Optic Patch Cord

Avalon LC-FC OM1 Multimode fiber optic patch cord has a small form factor (SFF) connector and is ideal for high density applications. The LC fiber patch connector has a Zirconia ceramic ferrule measuring 1.25mm O.D. with an UPC end face, and provides optimum insertion and return loss. The LC fiber patch cable connector is used on small diameter mini-cordage (1.6 mm/2.0mm) as well as 3.0mm cable. LC fiber cable connectors are available in cable assembled or one piece connectors.

Features

- Compliant with TELCODIA GR-326-Core
- Compliant with JIS C-5973, IEC,TIA/EIA 568-B.3
- Optical performance 100% factory tested Minimum loss

Applications

- Telecommunication Networks
- LAN
- CATV Networks
- Active Device Termination
- Data System Networks



Specification

| Characteristics | Conditions | Value |
|----------------------------|---|----------|
| Insertion Loss Return Loss | Against Reference Connector | < 0.2 dB |
| | SPC | > 40 dB |
| | UPC | > 50 dB |
| | APC | > 60 dB |
| Durability | 1000 Matings | < 0.2 dB |
| Temperature Cycling | -40 — +80 degrees Celsius (42 Cycles) | < 0.2 dB |
| Humidity Cycling | 75 degrees Celsius, 95%/336hr | < 0.2 dB |
| Vibration | 10 — 55 HZ (2 hours) | < 0.2 dB |
| Flex Test | 0 to 90 degrees to 0 to 90, 5kgf (100 cycles) | < 0.2 dB |
| Twist Test | 0.9mm :0.75kgf, 2.0mm:1.53 kg | < 0.2 dB |
| Straight Pull Test | 100 N Load | < 0.2 dB |
| Impact | 1,5m drop, 8 times | < 0.2 dB |

Ordering information

| Part Number* | Description |
|--------------------|----------------------------------|
| AN-PC62LCFCS00X-YY | LC-FC Multimode Fiber Patch Cord |

* Replace "X" with 1, 2, 3..10.....30 meters.

* Replace "YY" with SP for Simplex or DP for Duplex