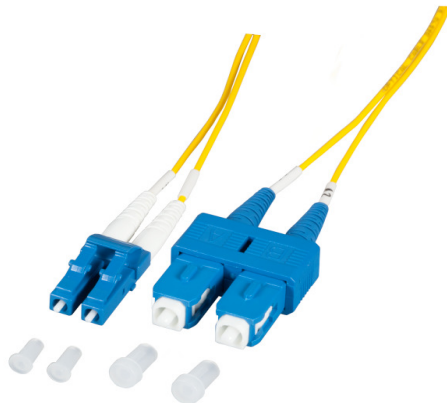


DATASHEET

LC/SC 1,9mm. Duplex Fiber Optical Patch cord

Product Overview

The fiber optic patch cord mainly used on patch panel or for the connection between outlets and terminal equipment. It is widely used for high bit rate data transmission, telecommunications, testing instruments, active device terminations, LAN/WAN and FTTX.

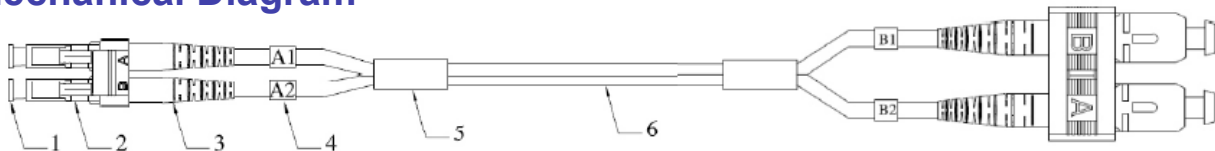


OS2-1.9mm

Optical specifications

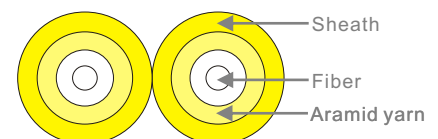
| Parameters | Value |
|------------------------------|-------------------------------|
| Typical Insertion Loss | ≤ 0.20 dB |
| Max Insertion Loss | ≤ 0.25 dB |
| Durability(500 Mating Times) | Δ I. L. ≤ 0.25 dB |
| Tensile Load | 7.0kg |
| Bend Radius | 3.8cm |
| Operating Temperature | -20°C ~ +75°C |
| Storage Temperature | -20°C ~ +85°C |

Mechanical Diagram



| | | | |
|----------|---|------------------|---|
| Material | 1 | Dust cap | PE |
| | 2 | Outer housing | PBT |
| | 3 | Boot | TPE |
| | 4 | Label ring | PE |
| | 5 | Heat shrink tube | PE |
| | 6 | Cable | Outer Sheath Type:LSZH Fiber Type:G652D Cable Diameter:1.9mm. |

Cable Structure



SM Cable

Test Procedure

Optical Characteristics
Vibration Test Thermal Cycling
Impact Resistance
Thermal Aging
Humidity Resistance Others

Packaging, Labelling and shipping Marks

1. Individual PE bag packing and blister packing are available.
2. OEM desing is also available upon request.

Other Requirements

The performance of the patch cord has been carefully designed to meet the toughest Telcordia standards

- * GR-326-CORE
- * RoHS-Compliance of item and package
- * Performance according to IEC

**Ideal Technology has a policy of continuous improvement. Specifications are subject to change without notice.*