

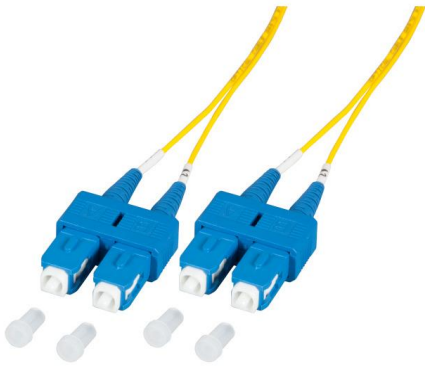
Technical Data Sheet

SC 1.2MM Duplex Fiber Optical Patch cord

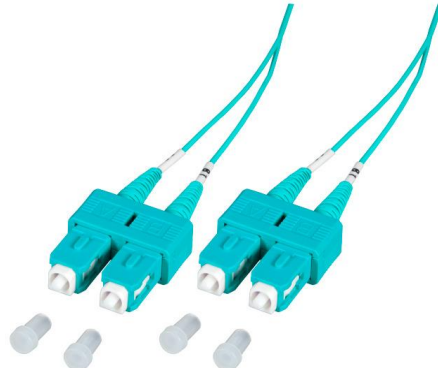
Version: 1.0

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
O2513.x-1.2



OM3
O7413.x-1.2



OM4
O0318.x-1.2

Optical specifications

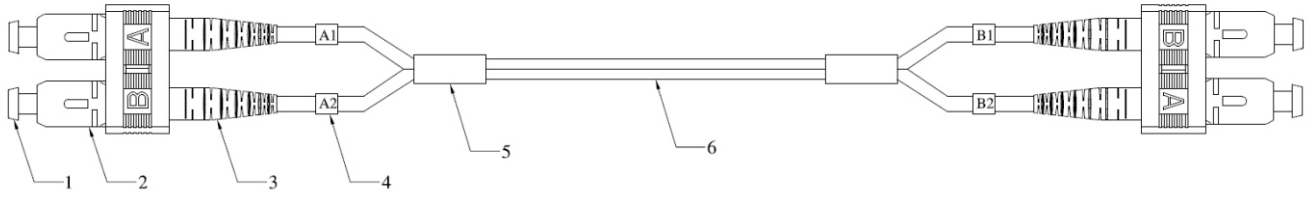
| Parameters | Value |
|------------------------------|-------------------------------|
| Typical Insertion Loss | ≤ 0.20 dB |
| Max Insertion Loss | ≤ 0.25 dB |
| Durability(500 Mating Times) | Δ I. L. ≤ 0.25 dB |
| Tensile Load | 7.0 kg |
| Bend Radius | 3.8 cm |
| Operating Temperature | -20°C ~ +75°C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

Technical Data Sheet

SC 1.2MM Duplex Fiber optical Patch cord

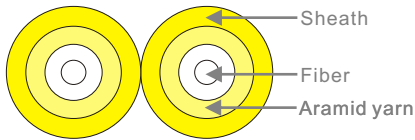
Version: 1.0

Mechanical Diagram

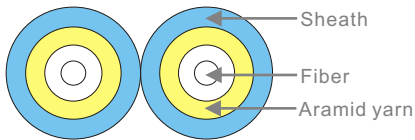


| | | | |
|----------|---|----------------------|------------------------|
| Material | 1 | Dust cap | PE |
| | 2 | Outer housing | PBT |
| | 3 | Boot | TPE |
| | 4 | Label ring | PE |
| | 5 | Heat shrink tube | PE |
| | 6 | Cable | Outer Sheath Type:LSZH |
| | | FiberType:G652D | |
| | | Cable Diameter:1.2mm | |

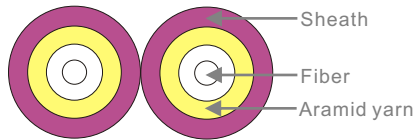
Cable Structure



SM Cable



OM3 Cable



OM4 Cable

Test Procedure

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

Technical Data Sheet

SC 1.2MM Duplex Fiber optical Patch cord

Version: 1.0

Packaging, Labelling and shipping Marks

1. Individual PE bag packing and blister packing are available.
2. OEM design 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
-