

Technical Data Sheet

SC 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 also widely used for high bit rate data transmission, telecommunications, testing instruments, active device terminations, LAN/WAN and FTTX.



SM
Blue RAL 5015



APC
Green RAL 6018



MM
Beige RAL 1013



OM3
Aqua RAL 6027



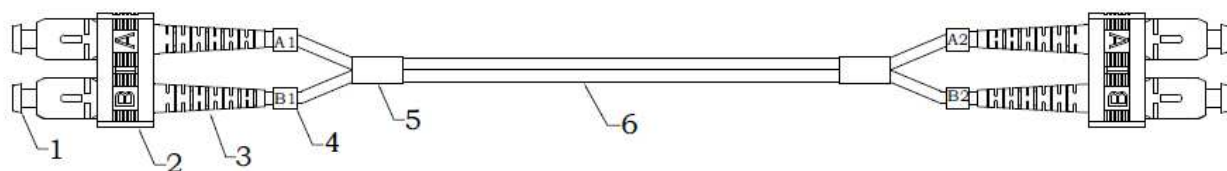
OM4
Violet RAL 4003



Optical specifications

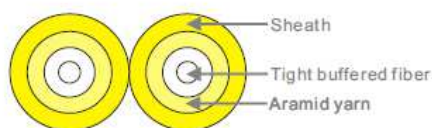
Parameters	Value
Typical Insertion Loss	≤ 0.20 dB
Max Insertion Loss	≤ 0.25 dB
Durability(500 Mating Times)	Δ I. L. ≤ 0.25 dB
Tensile Load	7.0 kg
Bend Radius	3.8 cm
Operating Temperature	-20°C ~ +75°C
Storage Temperature	-20°C ~ +85°C

Mechanical Diagram

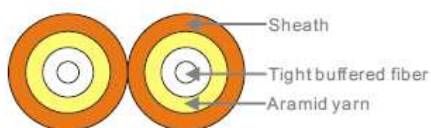


Material	1	Dust cap	PE
	2	Outer housing	PBT
	3	Boot	TPE
	4	Label ring	PE
	5	Heat shrink tube	PE
	6	Cable	Outer Sheath Type:LSZH ,PVC,OFNP FiberType:G65D,G657A,G657B option. Cable Diameter: 1.2mm,1.6mm,2.0mm,2.4mm,3.0mm option.

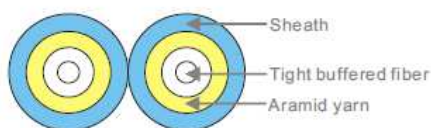
Cable Structure



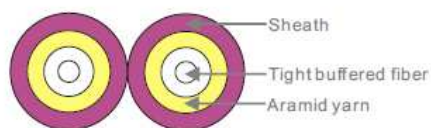
SM Cable



MM OM1/OM2 Cable



OM3 Cable



OM4 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 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