

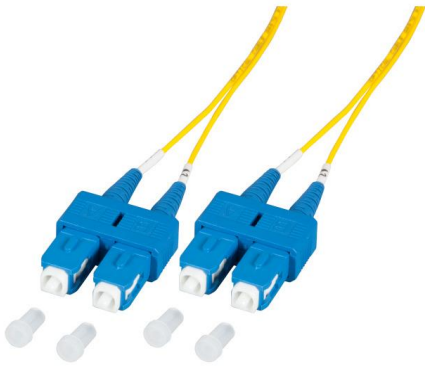
Technical Data Sheet

SC 1.2MM Duplex Fiber Optical Patch cord

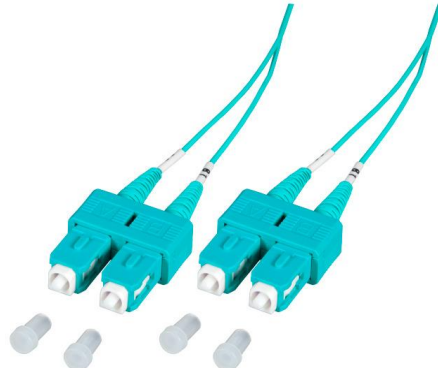
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Product Overview

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

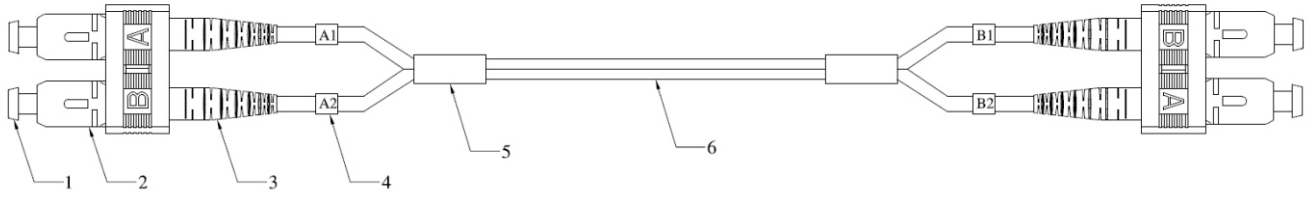
Parameters	Value
Typical Insertion Loss	≤ 0.20 dB
Max Insertion Loss	≤ 0.25 dB
Durability(500 Mating Times)	Δ I. L. ≤ 0.25 dB
Tensile Load	7.0 kg
Bend Radius	3.8 cm
Operating Temperature	-20°C ~ +75°C
Storage Temperature	-20°C ~ +85°C

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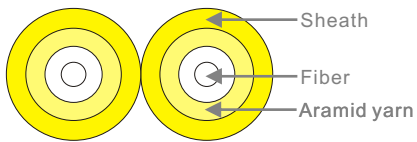
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Mechanical Diagram

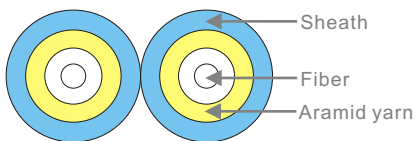


Material	1	Dust cap	PE
	2	Outer housing	PBT
	3	Boot	TPE
	4	Label ring	PE
	5	Heat shrink tube	PE
	6	Cable	Outer Sheath Type:LSZH
		FiberType:G652D	
		Cable Diameter:1.2mm	

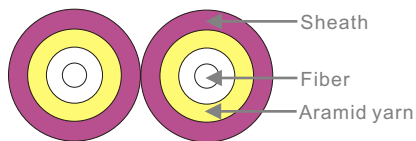
Cable Structure



SM Cable



OM3 Cable



OM4 Cable

Test Procedure

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

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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
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