

## DATASHEET

LC/LC 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.

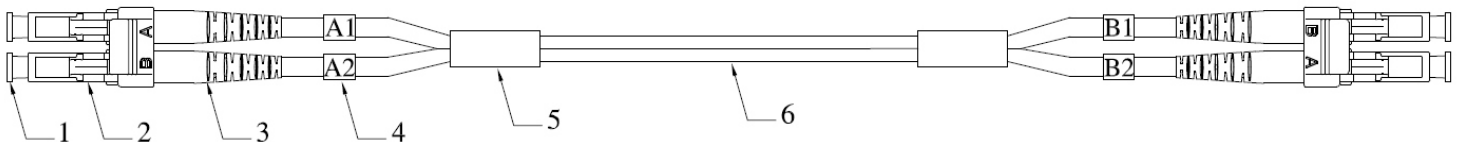


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### Optical specifications

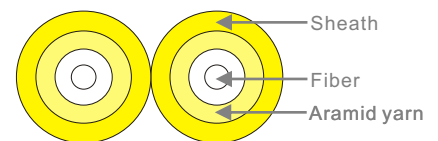
Parameters	Value
Typical Insertion Loss	$\leq 0.20$ dB
Max Insertion Loss	$\leq 0.25$ dB
Durability(500 Mating Times)	$\Delta$ I. L. $\leq 0.25$ dB
Tensile Load	7.0kg
Bend Radius	3.8cm
Operating Temperature	-20°C ~ +75°C
Storage Temperature	-20°C ~ +85°C

### 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

- Individual PE bag packing and blister packing are available.
- 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.*