

Fiber Optic Patch Cord



Overview

Fiber jumper (Optical Fiber Patch Cord/Cable) refers to the cable connector plug is installed on both ends, used to achieve the optical path are movably connected; one end is provided with a plug is called pigtail.

Features

- ◆ Sourcelight Supplied Patch cord Connectors which performance met with all the requirement of IEC standard
- ◆ It is performance met with all the requirement of GR-326-CORE
- ◆ Compatible with RoHS

Applications

- ◆ Optical fiber communication system
- ◆ Optical fiber access network
- ◆ Optical fiber data transmission
- ◆ Optical fiber CATV
- ◆ Local area network (LAN)
- ◆ Test equipment
- ◆ Optical fiber sensor

Technical Specification

Type	Single mode	Multi mode
Polishing Type	PC / UPC / APC	
Cable diameter	0.9 / 2.0 / 3.0mm / Ribbon Fanout	
Insertion loss (IL) [dB]	< 0.2	< 0.3
Return loss (RL) [dB]	> 50 PC / > 55 UPC / > 65 APC	> 40
Ferrule ID (mm)	0.125	0.127
Exchangeability	≤ 0.2 dB (Connect Randomly)	
Vibration	≤ 0.2 dB (5 ~ 50 Hz, 1.5mm Amplitude)	
Temp. Range	≤ 0.2 dB (- 40°C ~ 80°C, 21 Cycles)	
Body Color	Blue / Green for APC	Gray
Boot Color	Red / black / blue or customized available	

Assembly drawing

Simplex Pigtail and Patch Cord

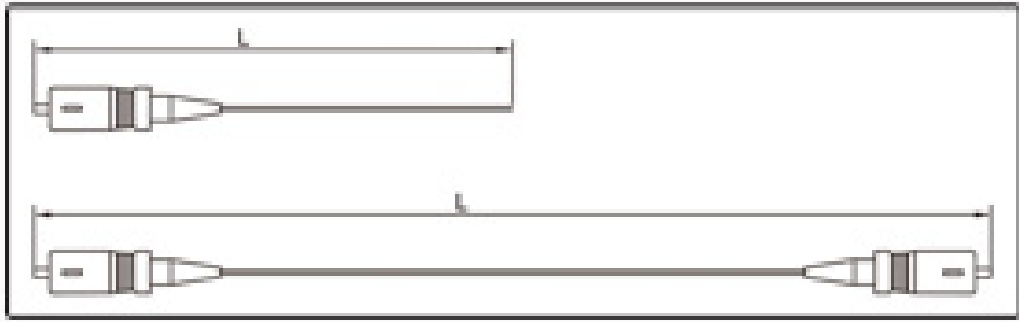


Figure1. Assembly drawing Simplex

Duplex Pigtail and Patch Cord

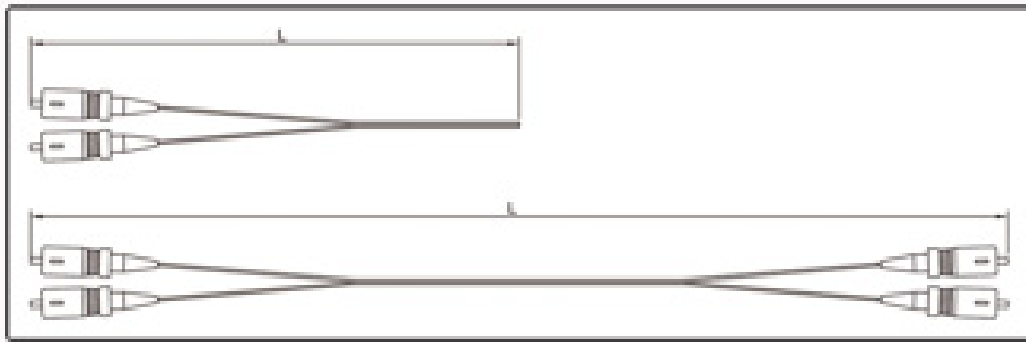


Figure2. Assembly drawing Duplex

Ordering Information:

Patchcord-LC/APC-LC/UPC-SM-Φ2-LM-D

(Pigtail) ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

①	Connector Type 1	LC, SC, FC, ST, E2000, MU, MTRJ, DIN, etc.
②	End face 1	PC / UPC / APC
③	Connector Type 2	LC, SC, FC, ST, E2000, MU, MTRJ, DIN, etc.
④	End face 2	PC / UPC / APC
⑤	Fiber Mode	Single Mode / Multi Mode (50/125um, 62.5/125um)
⑥	Cable Diameter	Φ3 / Φ2 / Φ1.6 / Φ0.9 / Ribbon / Distribution Cable ,etc
⑦	Cable Length	L=1,2,3,4... meter
⑧	Fiber Cable	S: Simplex / D: Duplex

Shenzhen Sourcelight Technology Co., Ltd

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