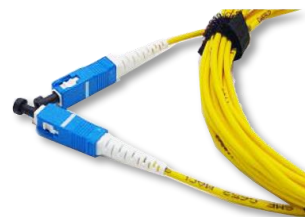


Fiber Patch Cables

Single Mode Patch Cords

Introduction

Fiber jumper (also called optical fiber connector) 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.



Optical fiber jumper (Optical Fiber Patch Cord/Cable) and similar to coaxial cable, but no net shielding layer. The center is the core of light transmission glass. In single mode fibers, the diameter of the core is $8\text{ }\mu\text{m}\sim 10\text{ }\mu\text{m}$, roughly and human hair thickness is quite.

The core is surrounded by a layer of glass envelope refractive index than the core low, in order to make the optical fiber holding in the core. Outside is a thin layer of plastic jacket, used to protect the envelope.

Features

- Hoatech 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.

Specifications

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

Application

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

Ordering Information

Patch cord	SC -	APC -	LC-	UPC-	SM-	Z-	LM	D
Connector Type 1	LC/SC/FC/ST							
End Face 1	PC/UPC/APC							
Connector Type 2	LC/SC/FC/ST							
End Face 2	PC/UPC/APC							
Fiber Mode	SM (Single Mode)/MM(Multi-mode)							
Cable Diameter	3/2/1.6/0.9							
Cable Length	L:1,2,3,4,... Meter							
Fiber Cable	S: Simplex / D: Duplex							

More information please check on our website at www.hoatech.com.tw