



## Fiber Patch Cord Introduction:

Fiber optic patch cord is available in both singlemode and multimode versions.

Both singlemode and multimode versions fiber optic patch cord come with a zirconia ceramic ferrule with pre-polished PC,UPC,APC profile and convex spherical end.

These end face types allow for faster polishing, and low back reflection and optical loss, while ensuring maximum repeatability.

## Fiber Optic Patch Cord

Fiber optic patch cable, also known as fiber optic cord or fiber optic jumper, is composed of fiber optic cable terminated with different premium grade ferrule connectors on both ends. It is designed to interconnect or cross connect fiber networks within structured cabling systems.

## High Quality and Cost-effective 9/125 $\mu$ m Single Mode Fiber Optic Cable

The 9/125 $\mu$ m single mode fiber optic cable is suitable for enterprise network, telecom room, server farms, cloud storage networks, and any place fiber jumper cables are needed. It meets RoHS compliant, and the fiber patch cord is optically tested for insertion loss to ensure high quality.

This 9/125 OS2 single mode fiber optic cable is ideal for connecting 1G/10G/40G/100G ethernet connections. It can transport data for up to 10km at 1310nm, or up to 40km at 1550nm.

## What other fiber patch cords we can offer?

- ◆ SM(Single-mode) Simplex/Duplex
- ◆ MM(Multi-mode) Simplex/Duplex, OM3,OM4
- ◆ Bunched 6/12/24 core color Pigtails, Single Pigtail.
- ◆ Water-proof Cable Pigtail

## Application

1. Telecommunications
2. CATV, LAN, MAN, WAN, Test &Measurement
3. Military industry

## Features

- ◆ Low insertion loss and back reflection loss
- ◆ Ferrule end surface pre-domed
- ◆ Excellent mechanical endurance
- ◆ Good in repeatability
- ◆ Good in exchange
- ◆ Green Production, ISO Standard





## Product Parameters





<b>Fiber type</b>	Single mode:	(1)9/125-G652D	(2)9/125-G655	(3)9/125-G657A,G657A2	(4)9/125-G657B3	
	Multimode:	(5)50/125-OM2	(6)62.5/125-OM1	(7)50/125-OM3	(8)50/125-OM4	(9) MPO
<b>Fiber Brand</b>	YOFC or customer requested					
<b>Connector</b>	SC/PC, SC/APC, LC/PC, LC/APC, FC/PC, FC/APC, ST/PC, MU/PC, MPO/MTP, DIN/PC, SMA/PC, D4/PC					
<b>Cord type</b>	Simplex ,Duplex					
<b>Cable diameter</b>	0.9mm ,1.2mm, 1.6mm, 1.8mm, 2.0mm, 2.8mm, 3.0mm					
<b>Cable jacket</b>	PVC, OFNR, LSZH, OFNP					
<b>Length(M)</b>	0.5m,1m,2m,5m,10m,25m,50m,100m...Customized					

## Optical Performance

Mode	Single mode		Multimode
<b>Polish</b>	UPC	APC	PC
<b>Insertion Loss</b>	≤0.3dB	≤0.3dB	≤0.3dB
<b>Return Loss</b>	≥50dB	≥60dB	≥30dB
<b>Test Wavelength</b>	1310/1550nm		850/1310nm
<b>Durability(500 Matings)</b>	≤0.2dB		
<b>Operating Temperature</b>	-40℃~+60℃		
<b>Storage Temperature</b>	-45℃~+85℃		
<b>Standards-Compliant</b>	ISO		

## Product Photos

			
LC/UPC	LC/APC	SC/UPC	SC/APC

			
FC/UPC	FC/APC	ST/UPC	MTRJ

### Connector Types

Type	Reference	Note	
SC	IEC 61754-4	Single Mode Simplex	APC: Green Connectors , Green boots UPC: Blue Connectors, Blue Boots
		Single Mode Duplex	APC: Green Connectors , Green boots UPC: Blue Connectors, Blue Boots
		Multimode Simplex	UPC: Grey Connectors, Grey Boots
		Multimode Duplex	UPC: Grey Connectors, Grey Boots

Type	Reference	Note	
LC	IEC 61754-20	Single Mode Simplex	APC: Green Connectors , Green boots(for 0.9mm) APC: Green Connectors, White Boots(for 2.0/3.0mm) UPC: Blue Connectors, White boots
		Single Mode Duplex	APC: Green Connectors , Green boots(for 0.9mm) APC: Green Connectors, White Boots(for 2.0/3.0mm) UPC: Blue Connectors, White boots
		Multimode Simplex	UPC: Grey Connectors, White Boots
		Multimode Duplex	UPC: Grey Connectors, White Boots