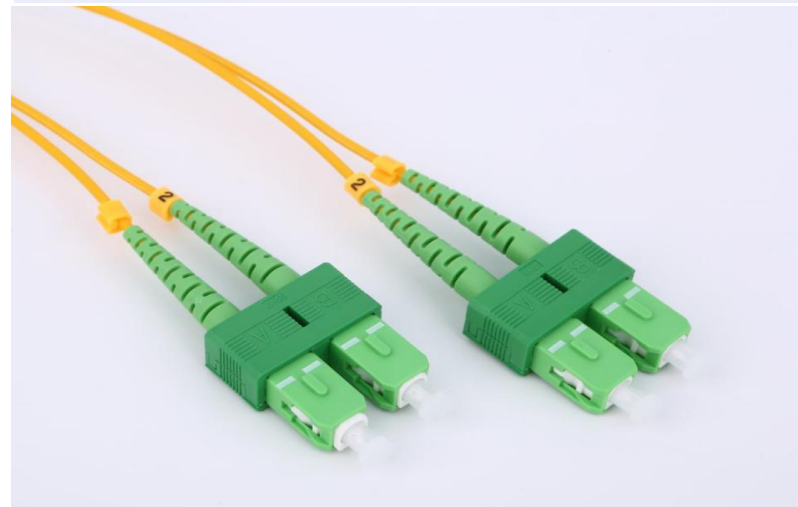
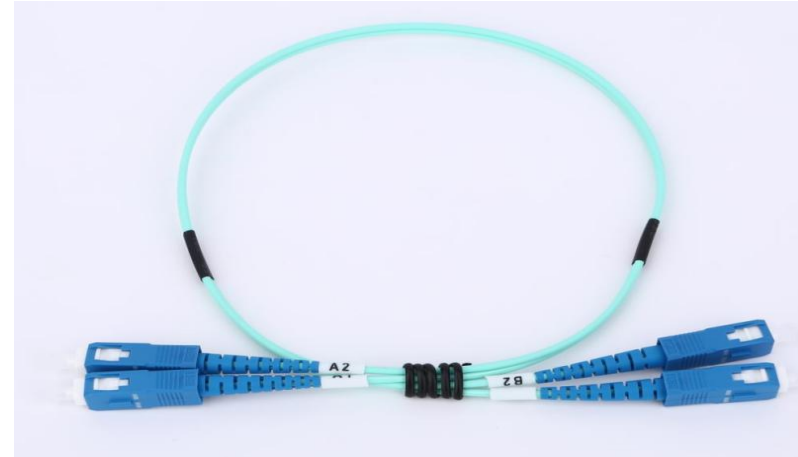


Fiber Optical Patch Cord Specification



(single mode ; multi mode; double core;pigtail; bundle)

Ordering Information:

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Connector type	Casing color	Fiber type	Cable diameter	Fiber length	Cable type	Casing material
1=FC/APC 2=FC/UPC 3=SC/APC 4=SC/UPC 5=LC/APC 6=LC/UPC 7=ST 8=Customized	1=yellow 2=Orange 3=Aqua blue S=Customized	1=SM9/125 G652D 2=SM9/125 G657A 3=MM50/125 OM3 4=MM62.5/125 OM1 S=Customized	1=0.9mm 2=2.0mm 3=3.0mm	0=0.5m 1=1.0m 2=1.5m 3=2.0m S=Customize d	1=Single core 2=Double core 3=waterproof 4=Branch 5=With fiber 6=Bundle	1=PVC 2=LSZH 3=OFNR

Product description

The fiber optic connector is divided into single-mode and multi-mode connectors. According to the structure of the connector, it can be divided into various customized models such as SC, FC, LC, and ST. The ST connector is usually used for the wiring device end, and the other connectors are the wiring environment. Link, the main material uses A-class ferrule, imported aramid, high tensile strength, large tensile strength, cable sheath is made of PVC low-smoke flawless environmentally friendly flame retardant material, high flame retardant fire resistance grade, in line with ROHS wire certification standards.

Product features:

Low insertion loss
 High return loss



SHENZHEN SEACENT PHOTONICS CO., LTD.

www.seacentfiber.com

High stability and reliability

Certified by Telcordia GR.1209 and GR.1221

Meet ROHS standards

Product application areas:

Fiber to the home

Passive optical network

Optical transmission system

Optical fiber sensing system

Test Equipment ; PON-FTTX network

Technical parameter:



SHENZHEN SEACENT PHOTONICS CO., LTD.

www.seacentfiber.com

	FC、SC、LC				ST、MU				MTRJ			
	SM		MM		SM		MM		SM		MM	
parameter	UPC	APC	UPC	APC	UPC	APC	UPC	APC	UPC	APC	UPC	APC
Working wavelength (nm)	1310,1550		850,1300		1310,1550		850,1300		1310,1550		850,1300	
Fiber type	G657A1 or customed											
Insertion loss (dB)	≤ 0.3	≤0.3	≤ 0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3
Return loss (dB)	≥55	≥60	≥35	≥35	≥50	≥50	≥35	≥35	≥50	≥50	≥35	≥35
Repeatability (dB)	≤0.1											
Interchangeability (dB)	≤0.2											
Number of plugs(frequency)	≥1000											
Tensile strength (N)	≥70											
Durability (dB)	≤0.2											
Working temperature (° C)	-40°C - 85°C											
Storage temperature (° C)	-40°C - 85°C											

Ferrule technical parameters:

description	Single mode	Multi mode
length	(10.50 ± 0.05) nm	(10.50 ± 0.01) nm
Outer diameter	(2.4990 ± 0.005) nm	(2.4990 ± 0.001) nm
inside diameter	(0.125 ± 0.001) nm	(0.126 ± 0.129) nm
Concentricity	≤ 1.0	≤ 4.0