

Fiber Optical Patch Cord

Features

- High dense space
- Ceramic ferrules connector
- Low insertion loss
- High return loss
- Excellent mechanical endurance
- High credibility and stability

Applications

- Telecommunication
- CATV, FTTH, LAN
- Fiber sensor
- Optical transmission system
- Test equipment



Performance Specifications

Parameter	FC, SC, LC				ST, MU		MTRJ	
	SM		MM		SM	MM	SM	MM
	UPC	APC	UPC	APC	UPC	UPC	UPC	UPC
Operating Wavelength (nm)	1310, 1550		850, 1300		1310, 1550	850, 1300	1310, 1550	850, 1300
Insertion Loss (dB)	≤ 0.3	≤ 0.3	≤ 0.3		≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3
Return Loss (dB)	≥ 50	≥ 60	≥ 35		≥ 50	≥ 35	≥ 50	≥ 35
Repeatability (dB)	≤ 0.1							
Interchangeability (dB)	≤ 0.2							
Plug Times (times)	≥ 1000							
Tensile Strength (N)	≥ 100							
Durability (dB)	≤ 0.2							
Operating Temperature (℃)	-10 ~ +70							
Storage Temperature (℃)	-40 ~ +85							

Performance Specifications

Mode Number	Single-Mode	Multi-Mode
Length	(10.50±0.05)mm	(10.50±0.01)mm
Outer-diameter	(2.4990±0.0005)mm	(2.4990±0.001)mm
Inner-diameter	(0.125±0.001/-0)mm	(0.126~0.129)mm
Concentricity	≤ 1.0	≤ 4.0

Ordering Information

☐ TO ☐	☐	☐	☐	☐	☐	☐	☐
Connector	Polish	Jacket Color	Fiber Type	Fiber Diameter	Cable Length	Cable Type	Cable Jacket
0=None 1=FC/APC 2=FC/UPC 3=SC/APC 4=SC/UPC 5=LC/APC 6=LC/UPC 7=ST S=Specify	1=UPC 2=APC	1=Yellow 2=Orange 3=Aqua 4=Magenta 5=Violet 6=Red 7=White 8=Brown 9=Blue B=Black S=Specify	1=SM 9/125 G652D 2=SM 9/125 G657A 3=MM 62.5/125 OM1 4=MM 50/125 OM2 5=MM 50/125 OM3 6=MM 50/125 OM4 7=MM 50/125 OM5	0=250μm 1=900μm 2=2.0mm 3=3.0mm S=Specify	0=0.5m 1=1m 2=2m 3=3m S=Specify	1=Simplex 2=Duplex 3=Armoured 4=Water-proof 5=Break-out 6=Ribbon 7=Bundle	1=PVC 2=LSZH 3=OFNR