

FIBER OPTIC PATCHCORD



Fiber Optic Patchcord is a fiber optic cable with connectors at either end that allow it to be rapidly and conveniently connected to many telecommunication equipment. Having a thick layer of protection, it is used to connect the optical transmitter, receiver, and the terminal box.

FEATURES

- Compliant with Telcordia GR-326-Core, TIA/EIA, IEC and ITU-T
- Customer length
- Various connectors types available
- Environmental stable

TECHNICAL SPECIFICATION

Operating Performance	Single Mode		Multi Mode	
Insertion Loss (dB)	≤0.20		≤0.30	
Return Loss(dB)	≥45 (PC)		≥35	
	≥50 (UPC)			
	≥60 (APC)			
Repeatability (dB)	≤0.10			
Durability	≤0.2 dB typical change, 1000 matings			
Operating Temperature (°C)	-20 ~ +75			
Storage Temperature (°C)	-40 ~ +85			
Endface Geometry				
Parameter	2.5μm ferrule		1.25μm ferrule	
	UPC	APC	UPC	APC
Radius of Curvature	10~25mm	5~12mm	7~25mm	5~12mm
Apex Offset	0~50μm	0~50μm	0~50μm	0~50μm
Fiber Height	-100~50nm	-100~100nm	-100~50nm	-100~100nm
Angle	--	7.7-8.3 degree	--	7.7-8.3 degree
3D - Geometry				

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ORDERING INFORMATION

PART NUMBER:

PC-1-SCP-SCP-SM-A-09-P-YE-0001

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

①	Fiber core	1: Simplex; 2: Duplex
②	Connector A type	SCP: SC/PC; SCA: SC/APC; FCP: FC/PC; FCA: FC/APC etc.
③	Connector B type	SCP: SC/PC; SCA: SC/APC; FCP: FC/PC; FCA: FC/APC etc.
④	Fiber mode	SM: 9/125; M5: 50/125; M6: 62.5/125; OM: OM3 50/125; M4: OM4 50/125
⑤	Fiber type	A: G.652D; B: G.655; C: G.657A1; D: G.657A2; E: G.651
⑥	Cable diameter	09: 0.9mm; 12: 1.2mm; 16: 1.6mm; 20: 2.0mm; 30: 3.0mm; 32: 3x2mm FTTH
⑦	Cable jacket type	P: PVC; L: LSZH
⑧	Cable color	YE: YELLOW; OR: ORANGE, AQ: AQUA, PU: PURPLE, other on request
⑨	Length (cm)	0001 - 9999