

Standard Fiber Optic Patch Cords for 1250~1650nm

Key Features

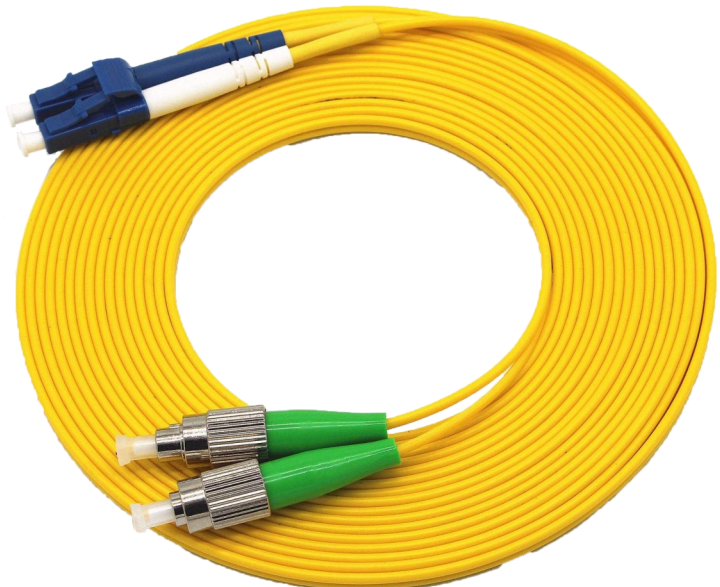
- Low insertion loss
- High return loss
- Good duplication, and interchangeability

Applications

- Long-distance trunk network
- Metro- area network, access network
- DWDM system, Optical fiber CATV
- Optical fiber data network
- Optical active device.

Fiber optic patch cords are used for linking the equipment and components in the fiber optic network, they are with various kinds of fiber optic connector types, including FC, LC, SC, ST, E2000, MU, MT-RJ, MPO, MTP, DIN, D4, SMA,. The fiber optic patch cord types are classified by the fiber optic connector types. For example, we name LC fiber optic patch cord because this cable is with LC fiber optic connector. There are PC, UPC, APC type fiber patch cord; they are different because of the polish of fiber connectors.

Fiber optic patch cables are with various kinds of cables, PVC, Riser, Plenum, OFNR, OFNP, LSZH (LSOH), 10 Gig Aqua, there are simplex fiber optic patch cord and duplex fiber optic patch cord and multi fiber cable assemblies, and there is ribbon fan out fiber cable assemblies and bundle fiber optic cable assemblies. Typical fiber optic patch cord cable diameter can be 0.9mm, 2mm, or 3mm.



For more Info

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Performance Specifications

Items	Test condition	Value		
		PC	UPC	APC
Optical	Working wavelengths(nm)	/ 1250~1650		
	Insertion loss (Max.) (dB)	0.2	0.2	0.3
	Return loss (Min) (dB)	40	50	60
Mechanical(dB)	Changeability	Connect randomly 0.2		
	Vibration	10~58Hz,Amplitude 1.5mm 0.2		
	Repetition	>1000 0.1		
	High temperature	+85°C,During 100 hours 0.2		
Environmental(dB)	Low temperature	-40°C,During 100 hours 0.2		
	Temperature cycle	-40~80°C,During 5 cycles 0.2		
	Humidity	+25~65°C,93% R.H.,100 hours 0.2		

- Above specification may change without notice.
- For 980~1700nm, default FC Connector key width: Width key (2.2 mm), If you need narrow key(2.0mm), please contact us
- The default length accuracy is +/-5CM, please let us know if you have special requirements.

Order information P/N: PC-①-②-③-④-⑤-⑥-⑦

When you inquire, please provide the correct P/N number according to our ordering information and attach the appropriate description would be better.

①	②	③	④	⑤	⑥	⑦
Model	First Connector	Second Connector	Cable Type	Tube Type	Fiber Type	Length of Cable
S:Single mode	00:None	00:None	1:Simplex	0:Bare Fiber	S28: SMF-28e	01:1m
M:Multimode	FA:FC/APC	FA:FC/APC	2:Duplex	1:0.9mm Loose Tube		02:2m
	FC:FC/PC	FC:FC/PC	X:Others	2:0.9mm Tight Buffer		03:3m
	FU:FC/UPC	FU:FC/UPC		3:2mm Single Core Cable		.
	SA:SC/APC	SA:SC/APC		4: 3mm Single Core Cable		.
	SC:SC/PC	SC:SC/PC		X: Others		.
	SU:SC/UPC	SU:SC/UPC				40:40m
	LA:LC/APC	LA:LC/APC				
	LC:LC/PC	LC:LC/PC				
	LU:LC/UPC	LU:LC/UPC				

Part Number Example: PC-S-FA-FA-S-2-S28-02

Description: 1550nm Single mode patchcord, FC/APC-FC/APC connector, simplex, 0.9mm tight buffer, SMF-28e fiber,2m length.

Ordering Information for Custom Parts

If you need to customize other specifications, please provide detailed description for your requirement.