



ST-ST Fiber Optic Patch Cord



Figure 1. Multimode Duplex ST-ST Patch Cable



Figure 2. Singlemode ST-ST Simplex Patch Cable



Figure 3. ST Connectors

FEATURE

- Low insertion loss and ultra low back reflection
- Used for 3.0mm, 2.4mm, 2.0mm jacket or 900µm buffer
- Single Mode and Multi Mode optional, simplex and duplex available
- Standard and customized configurations optional
- Length Optional: 1m, 2m, 3m, 5m, 10m, 25m, 30m, etc.
- PVC, LSZH, Hytrel jacket available

APPLICATION

- High bit rate data transmission
- Telecommunications
- Instruments testing
- Active device termination
- LAN/WAN and FTTX

DESCRIPTION

Fiber optic patch cord is also called fiber optic connector. It is dismountable, flexible and featured with small size, low insertion loss and lower price. Meanwhile, it is an indispensable component in the optical fiber communication.

The fiber optic patch cord is mainly used on patch panel or for the connection between output end and terminal equipment. The quality of connectors and fiber mainly depends on the insertion loss and return loss.

Fiber optic patch cables are suited for equipment jumper cord, cross connects, and work area connections. Patch cords are available in multimode and singlemode, duplex and simplex.

PACKAGING

1. Two packing mode: Independent PE bag packing and blister packing.
2. OEM design is also available on customer's request.

WARRANTY

We provide you with one- year warranty.



TECHNICAL DATA

Table 1.

Performance & Specifications				
Fiber Type	Singlemode (SM)		Multimode (MM)	
Normal fiber OD	125±0.2um		127±0.2um	
Connector Type	SC, FC, ST, E-2000, LC, MU	MTRJ	SC, FC, ST, E-2000, LC, MU	MTRJ
Insertion loss (Typical)	0.2dB	0.4dB	0.2dB	0.4dB
Insertion loss (Max)	0.3dB	0.5dB	0.3dB	0.5dB
Return Loss (Typical)	PC	50dB	35	-
	UPC	55dB	-	-
	Mating	Durability (500°C)	0.2dB	
Temperature Stability	0.3dB			
Operation Temperature	-40°C~+85°C			
Storage Temperature	-40°C~+85°C			

ORDERING INFORMATION

Table 2.

Connector #1	Finish 1 or Gender 1	Connector #2	Finish 2 or Gender 2	Cable Type	Fiber	Cable Jacket	Cable Diameter	Cable Length
L		L						1
S		S	U		R			2
T	U	T	A		K			3
F	A	F	P	S	C	P	2.0	5
E2	P	E2	F	D	B	L	3.0	10
DN	F	DN	M		A	H	0.9	25
M	M	M	T		W			30
MR		MR						etc.
①	②	③	④	⑤	⑥	⑦	⑧	⑨

① L=LC, S=SC, T=ST, F=FC, E2=E2000, DN=DIN, M=MU, MR=MTRJ, etc.
 ② U=UPC, A=APC, P=PC; for MTRJ, F=Female, M=Male
 ③ L=LC, S=SC, T=ST, F=FC, E2=E2000, DN=DIN, M=MU, MR=MTRJ, etc.
 ④ U=UPC, A=APC, P=PC; for MTRJ, F=Female, M=Male, T=Pigtail
 ⑤ S=Simplex, D=Duplex
 ⑥ R=SM (G652D), K=62.5um, C=50um, B=OM2, A=OM3, W=SM (G657A)
 ⑦ P= PVC, L=LSZH, H=Hytrel
 ⑧ 2.0=Ø2.0mm, 3.0=Ø3.0mm, 0.9=Ø0.9mm, etc.
 ⑨ Length in meter, i.e. 3=3m

E.G.: T U T U S R P 2.0- 3 stand for ST/UPC-ST/UPC Simplex Singlemode PVC Ø2.0mm 3m.

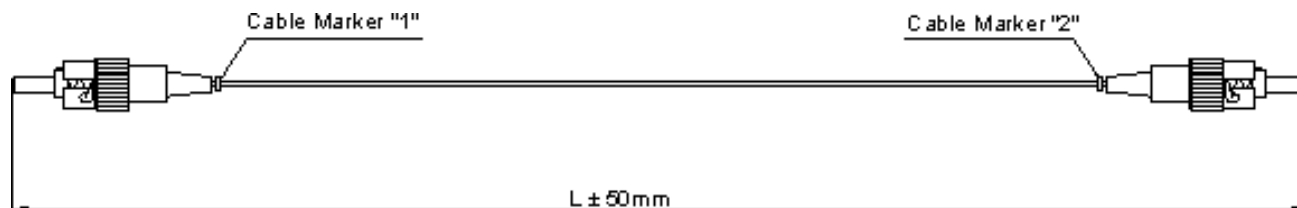
DIMENSIONAL DRAWING


Figure 4. Simplex (900µm)

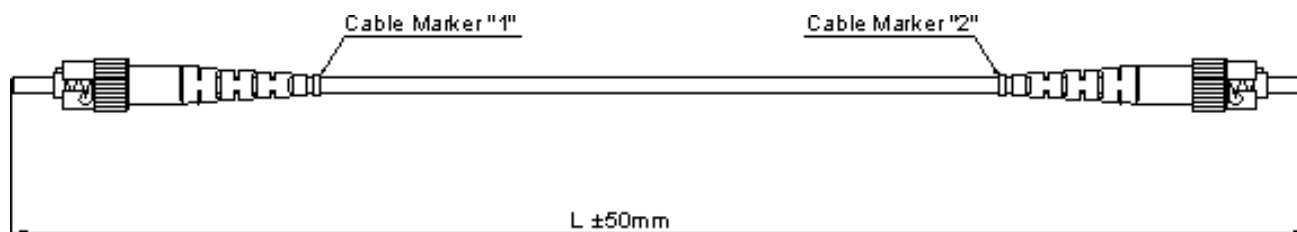


Figure 5. Simplex (3mm)

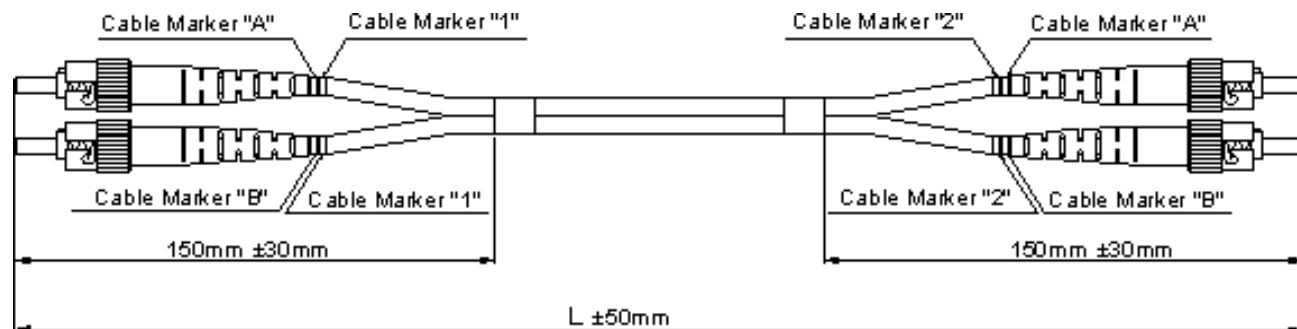


Figure 6. Duplex (3mm)

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