

# Fiber Optic Patch Cord

## FC Patch Cord

### Overview

LongXing supplies top quality optical fiber patch cord with very competitive prices, every single piece of patch cord is tested in the workshop before delivering to the customer. Customer/special requirements are welcomed. The LongXing brand of fiber cable assemblies are designed and manufactured in LongXing's ISO9001 registered facility. The product range covers both single mode and multimode patch cords and pigtails which are fully qualified to RoHS standards. Assemblies are available in all major fiber optic connector types; a range of cable color options available.



### Features

- Low insertion loss, high return loss;
- High environmental stability;
- Available fiber cable diameters:  $\Phi 0.9$ ,  $\Phi 2.0$ ,  $\Phi 3.0$ mm;
- Simplex, duplex or multi-fiber
- Connector Types: LC, FC, SC, ST, MU, MTRJ, E2000
- Fiber cores: Simplex, Duplex, 4 fibers, 6 fibers, 8 fibers, 12 fibers, 24fibers, 48fibers etc.
- Fiber Mode: Singlemode (G.652), Multimode (OM1/OM2/OM3/OM4)
- Ferrule Interface Type: UPC to UPC, APC to APC, APC to UPC
- Good exchangeability; Good Durability
- High temperature stability
- Compliant to IEC, TIA/EIA, NTT and JIS specifications
- *Premium series are Telcordia GR-326 compliant.*

### Technical Specifications

Parameters	FC/PC	FC/UPC	FC/APC
Working Temperature (°C)		-40 — +80	
Insertion Loss (dB)	$\leq 0.25$	$\leq 0.25$	$\leq 0.25$
Return Loss( dB)	$\geq 45$	$\geq 50$	$\geq 60$
Durability(Times)	$\geq 600$	$\geq 600$	$\geq 600$
Tensile strength(N)	$\geq 55$	$\geq 55$	$\geq 55$



# Catalog Number



Fiber Type		
S	G625D	Single Mode
D	G655	
K	G655	
P	G657A1	
L	G657A2	
B	OM1(62.5/125 μm)	Multi Mode
G	OM2(50/125 μm)	
Q	Om3(50/125 μm)	
W	Om4(50/125 μm)	
Y	Om5(50/125 μm)	
O	Other*	

Assembly Length	
01-20	1-20 meters in 0.5 meter increments
20-100	20-100 meters in 5 meter increments
100+	over100 meters in 10 meter increments

Polish B	
P	PC
U	UPC
A	APC
M	Multimode

Cable Type	
S	Simplex
D	Duplex
F	4 cores
E	8 cores
T	12 cores
O	Other*

Connector B	
FC	FC
SC	SC
LC	LC
ST	ST
MU	MU
OO	Other*

Polish A	
P	PC
U	UPC
A	APC
M	Multimode

Cable Colour	
Y	Yellow
B	Blue
W	White
O	Orange
G	Green
Z	Brown
S	Slate
R	Red
H	Black
P	Purple
F	Rose
A	Aqua

Connector A	
FC	FC
SC	SC
LC	LC
ST	ST
E2	E2000
MU	MU
OO	Other*

Cable Diameter	
X	0.9mm
Z	2.0mm
C	3.0mm
O	Other*

## Ordering Example:

T SSYXFCASCA2 Patch Cord G652D, Simplex, Yellow, 0.9mm, FC/APC-SC/APC, 2 meters

**Note :** \*If the required type of any item is not on the relevant list, please use "O" or "OO" as the red cells indicate, and kindly state the required type in the description of PO.

