

# Fiber Optic Pigtail

## SC Pigtail

### Overview

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. Fiber Optic Pigtails are utilized to achieve accurate mounting for precision alignment of fiber optical components. 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
- Pigtail Types: Bundle, Ribbon, Waterproof, Armored
- 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)
- Low insertion loss and back reflection loss
- Good exchangeability; Good Durability
- High temperature stability
- Compliant to IEC, TIA/EIA, NTT and JIS specifications

### Technical Specifications

Parameters	SC/PC	SC/UPC	SC/APC
Working Temperature (°C)	-30-+75		
Insertion Loss (dB)	$\leq 0.25$	$\leq 0.25$	$\leq 0.25$
Return Loss( dB)	$\geq 55$	$\geq 55$	$\geq 65$
Durability(Times)	$\geq 600$	$\geq 600$	$\geq 600$
Tensile strength(N)	$\geq 55$	$\geq 55$	$\geq 55$



# Catalog Number

W 

Fiber Type		
S	G625D	Single Mode
D	G655	
K	G655	
P	G657A1	
L	G657A2	
B	OM1(62.5/125 $\mu$ m)	Multi Mode
G	OM2(50/125 $\mu$ m)	
Q	Om3(50/125 $\mu$ m)	
W	Om4(50/125 $\mu$ m)	
Y	Om5(50/125 $\mu$ m)	
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	
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	
FC	FC
SC	SC
LC	LC
ST	ST
E2	E2000
MU	MU
OO	Other*

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

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

## Ordering Example:

W SSYXFCA2 Patch, G652D, Simplex, Yellow, 0.9mm, FC/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.

