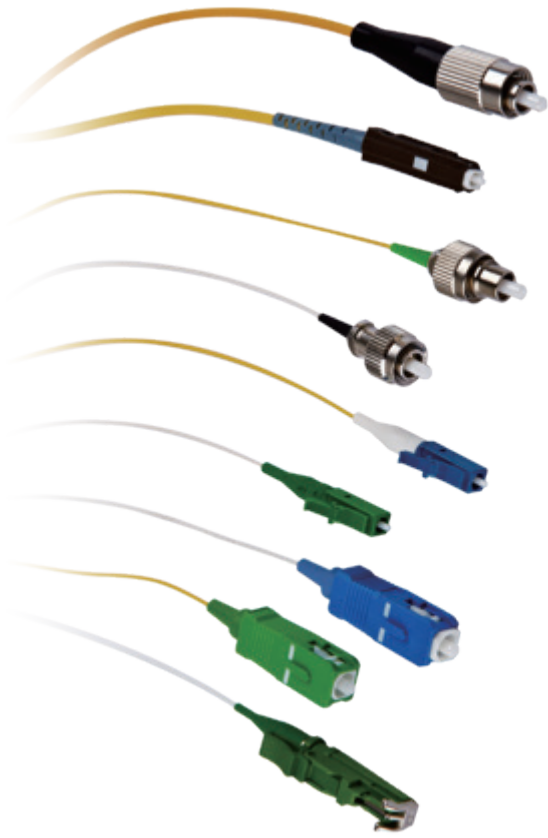


Pigtail and patch-cord are connected single fiber cable or duplex fiber cable. Various connectors such as FC, SC, ST, LC, E2000 and DIN are available. Strict manufacturing process ensure reliable quality of the pre-connectorized optical cable. All connectors are with good environmental and mechanical performance.



Pigtail and Patch-Cord

Features

- ① Ultra-polished(UPC) and Angle-polished(APC) connectors with good performance
- ② Simplex and duplex are available
- ③ G.652D, G.655, G657A and G657B single-mode fiber are available
- ④ 50/125 μ m, 62.5/125 μ m, OM3, OM4 multi-mode fiber are available
- ⑤ Lengths available from 1 meter to 999 meters
- ⑥ Various colors of cable sheath

Connector Type

Single-mode Connector

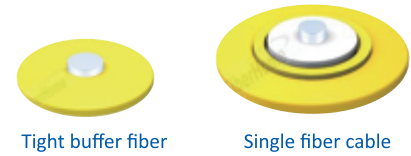
Connector Type	Insertion Loss	Return Loss	Repeatability (500 matings, additional IL)	Exchangeability (additional IL)
SC/UPC	0.3dB	50dB	≤ 0.2 dB	≤ 0.2 dB
SC/APC	0.3dB	60dB	≤ 0.2 dB	≤ 0.2 dB
FC/UPC	0.3dB	50dB	≤ 0.2 dB	≤ 0.2 dB
FC/APC	0.3dB	60dB	≤ 0.2 dB	≤ 0.2 dB
LC/UPC	0.3dB	50dB	≤ 0.2 dB	≤ 0.2 dB
LC/APC	0.3dB	60dB	≤ 0.2 dB	≤ 0.2 dB
ST/UPC	0.3dB	50dB	≤ 0.2 dB	≤ 0.2 dB
E2000/UPC	0.3dB	50dB	≤ 0.2 dB	≤ 0.2 dB
E2000/APC	0.3dB	60dB	≤ 0.2 dB	≤ 0.2 dB
DIN/UPC	0.3dB	50dB	≤ 0.2 dB	≤ 0.2 dB
DIN/APC	0.3dB	60dB	≤ 0.2 dB	≤ 0.2 dB

Multi-mode Connector

Connector Type	Insertion Loss 50/125 μ m and 62.5/125 μ m	Repeatability (500 matings, additional IL)	Exchangeability (additional IL)
SC/UPC	≤ 0.3 dB	≤ 0.2 dB	≤ 0.2 dB
LC/UPC	≤ 0.3 dB	≤ 0.2 dB	≤ 0.2 dB
FC/UPC	≤ 0.3 dB	≤ 0.2 dB	≤ 0.2 dB
ST/UPC	≤ 0.3 dB	≤ 0.2 dB	≤ 0.2 dB

Single Fiber Cable

- Ultra-polished(UPC) and Angle-polished(APC) connectors
- Available in 0.9mm, 1.4mm, 1.6mm, 2mm , 3mm and ect.



Item	Parameter				
Fiber count	Single fiber				
Cable type	Single fiber cable				
Operating temperature(℃)	-25 ~ +70				
Diameter of cable(mm)	0.9	1.4	1.6	2.0	3.0
Tensile strength(N)	10	40	40	60	70



- For A-side, cable with or without connector both are available. FC, SC, ST, LC, E2000 and DIN connector can terminated in factory
- For B-side, FC, SC, ST, LC, E2000 and DIN connector can terminated in factory, and the example showed above are cable with SC/UPC connector installed
- Cable length can be customized

Duplex Core Cable

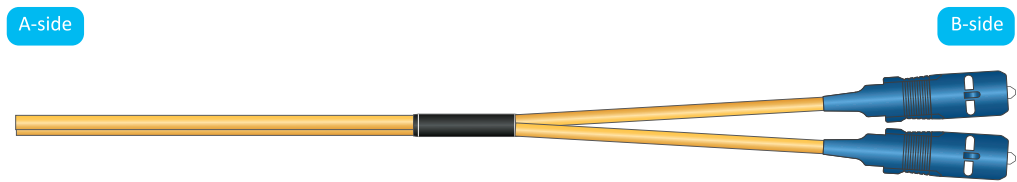
Duplex Fiber Cable

Ultra-polished(UPC) and Angle-polished(APC) connectors

Item	Parameter
Fiber count	Duplex
Cable type	Duplex fiber cable
Diameter of cable(mm)	2.0*4.1 【1】
Tensile strength(N)	60
Operating temperature(℃)	-25 ~ +70

【1】 Other sizes duplex fiber are available

Figure 8 Fiber Cable



- For A-side, cable with or without connector both are available. FC, SC, ST, LC, E2000 and DIN connector can be terminated in factory
- For B-side, FC, SC, ST, LC, E2000 and DIN connector can be terminated in factory, and the example shown above is a cable with SC/UPC connectors installed
- Cable length can be customized

Ordering Information

OFC – XX – XX – XX – XXX – XX – XX – XXX
[1] [2] [3] [4] [5] [6] [7]

1 Fiber type

- Omit: G.652D
- S1: G.657A1
- S2: G.657A2
- S3: G.657B2
- S4: G.657B3
- S5: G.655C
- M1:50/125μm
- M2:62.5/125μm
- M3:OM3
- M4:OM4

2 3 Connector

- Omit: no connector
- SU:SC/UPC
- SA:SC/APC
- SA9:SC/APC/9°
- FU:FC/UPC
- FA:FC/APC
- LU:LC/UPC
- LA:LC/APC
- EU:E2000/UPC
- EA:E2000/APC
- DU:DIN/UPC
- DA:DIN/APC
- ST:ST/UPC
- MFA:MPO/FEMALE/APC
- MFU:MPO/FEMALE/UPC
- MMA:MPO/MALE/APC
- MMU:MPO/MALE/UPC

4 Cable type

- Omit: Simplex core cable
- DCC: Duplex core cable

5 Diameter of cable

- Omit: The cables besides tight buffer fiber cable and single fiber cable
- 09: ø0.9mm
- 14: ø1.4mm
- 16: ø1.6mm
- 20: ø2.0mm
- 30: ø3.0mm

6 Cable color

- Omit: Yellow
- BU: Blue
- OG: Orange
- GN: Green
- BN: Brown
- GY: Gray
- WT: White
- RD: Red
- BK: Black
- VI: Violet
- PK: Pink
- TUR:Turquoise

7 Cable length

- 0: 0m
- ...
- 999: 999m