

## Fiber Optical Patch Cords



Connectorized cable assemblies are cord-type fiber optical cables terminated with connectors at both end. The type of cable fiber and connector and the length of the patch cords can be freely specified by the customer as shown below. Pigtailed are used for terminating fiber optical cables by splicing them the fibers of the cable and connecting the other end, which supplied with a connector to a patch panel or directly to equipment.

### Features

- Low Loss
- Plug-pull, key-oriented coupling mechanism
- Simplex and Duplex
- Single mode and multimode
- PC, UPC and APC polishing
- Interferential parameters
- Hybrid patch-cords are available upon request
- Fan-out available
- Pigtail available
- Compliant with Telcordia GR-326-CORE
- Jacket material: PVC or LSZH、 Armored
- Jacket diameter: 0.9mm, 2.00mm or 3.0mm

### Applications

- Connection of optical transmission equipment
- ODF of optical transmission system

- CATV
- High quality graphic transmission network
- High speed data transmission network
- Computer networks
- Telecommunication networks

## Specifications

| Parameter               | Unit | FC, SC, LC,ST,MU,DIN,D4,MPO,<br>SC/APC,FC/APC,LC/APC,MU/APC Duplex |      |       |  |
|-------------------------|------|--|------|-------|--|
|                         |      | SM(9/125 SMF-28 or<br>equivalent OS1)                              |      |       | MM(50/125,62.5/125(OM2&OM1),<br>50/125,10G(MM) OM3 |
|                         |      | PC   | UPC  | APC   | PC   |
| Insertion loss(typical) | dB   | ≤0.3   | ≤0.2 | ≤0.25 | ≤0.2   |
| Return loss             | dB   | ≥45  | ≥50  | ≥60   | ≥30  |
| Operating wavelength    | nm   | 1310, 1510   |      |       |  |
| Exchangeability         | dB   | ≤0.2   |      |       |  |
| Vibration               | dB   | ≤0.2   |      |       |  |
| Operating temperature   | °C   | -40~75   |      |       |  |
| Storage temperature     | °C   | -45~85   |      |       |  |
| Cable Type              |      | Simplex or duplex(zip cord) φ3.0, φ2.0, φ0.9,PVC or LSZH           |      |       |  |

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