

## Fiber Optic Patch Cord and Pigtail



FC to FC OM2, duplex



LC to LC OM3, duplex



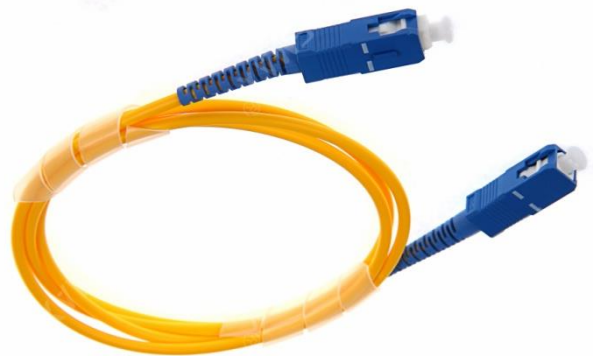
ST to ST OM3, duplex



FC to E2000 SM, simplex



LC to LC OM3, duplex



SC to SC SM, simplex

### Application

- CATV
- Telecommunication networks
- Active device termination
- Metro
- Local Area Networks (LANs)
- Data processing networks
- Test equipment
- Premise installations
- Wide Area Networks (WANs)

## Parameters of Optical Cable

| Single Mode | Jacket      | OD                      | Simplex | Duplex | Color  | Length     |
|-------------|-------------|-------------------------|---------|--------|--------|------------|
| G652D       | PVC<br>LSZH | 0.9mm<br>2.0mm<br>3.0mm | 1 core  | 2 core | Yellow | customized |
| G655        |             |                         | 1 core  | 2 core | Yellow | customized |
| G657A1      |             |                         | 1 core  | 2 core | Yellow | customized |
| G657A2      |             |                         | 1 core  | 2 core | Yellow | customized |
| Multi Mode  | Jacket      | OD                      | Simplex | Duplex | Color  | Length     |
| OM1         | PVC<br>LSZH | 0.9mm<br>2.0mm<br>3.0mm | 1 core  | 2 core | Orange | customized |
| OM2         |             |                         | 1 core  | 2 core | Orange | customized |
| OM3         |             |                         | 1 core  | 2 core | Aqua   | customized |
| OM4         |             |                         | 1 core  | 2 core | Violet | customized |

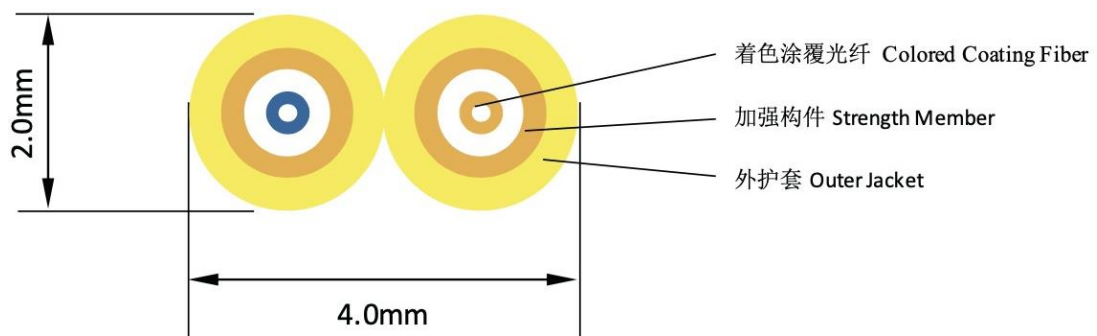
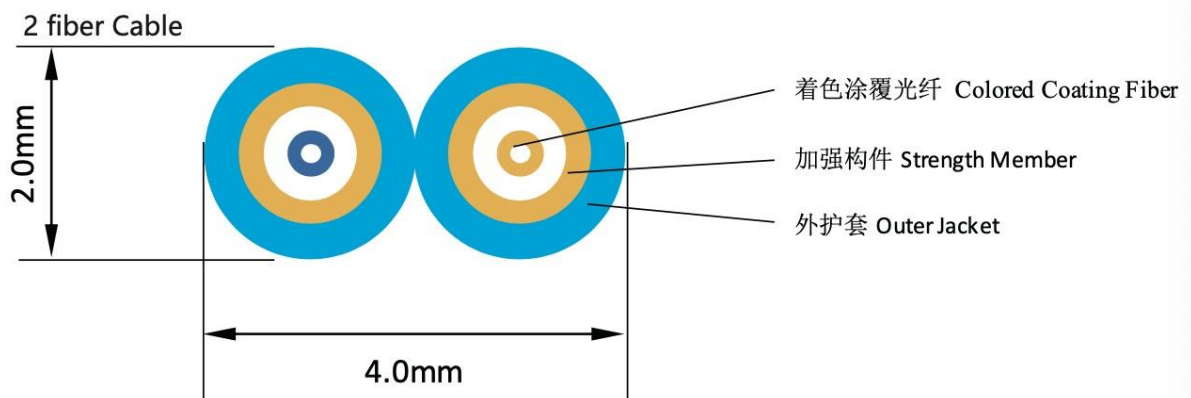
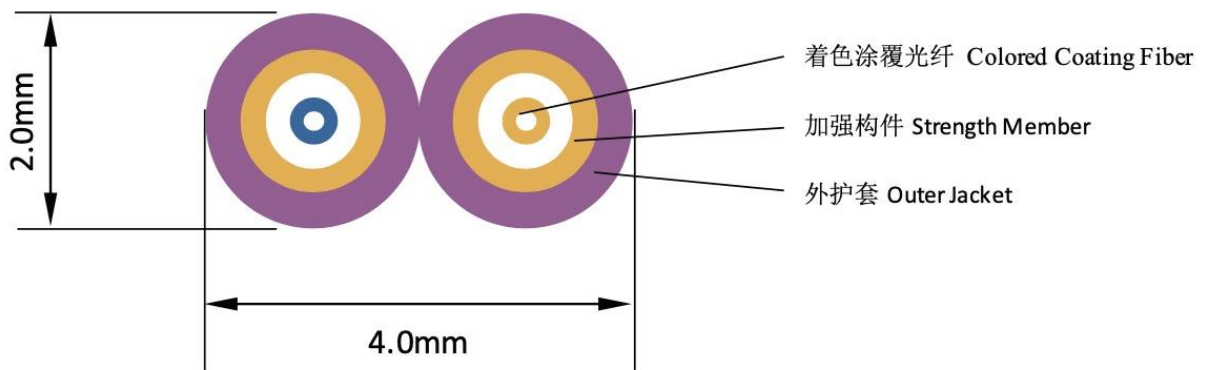
Operation Temperature: -40°C to +85°C

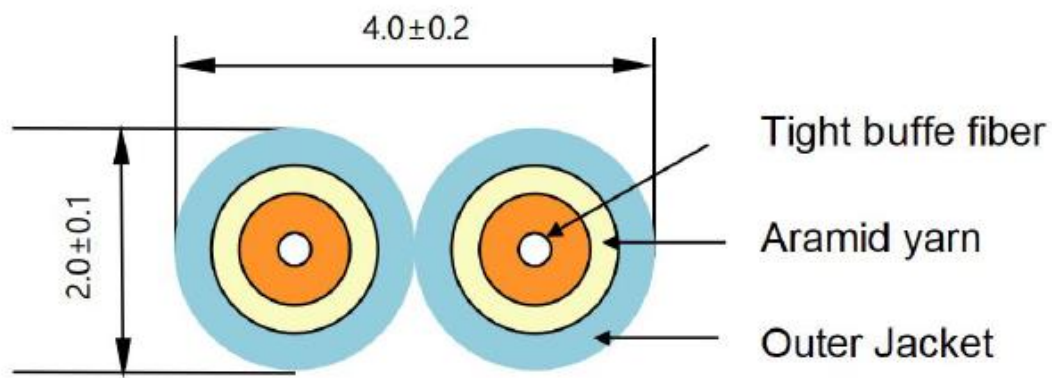
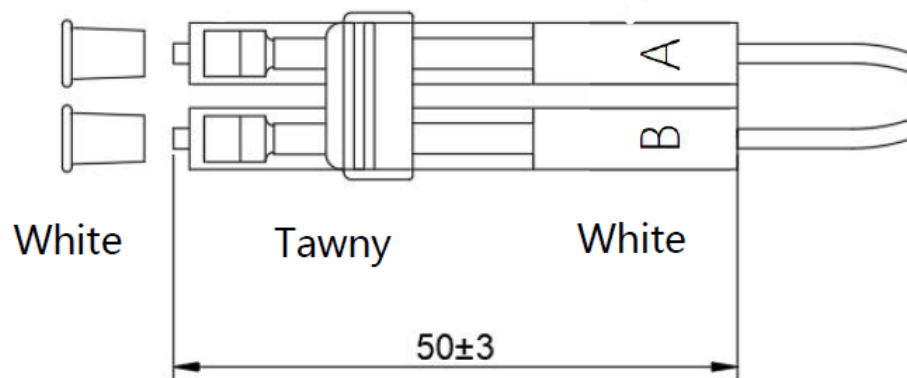
Storage Temperature: -50°C to +85°C

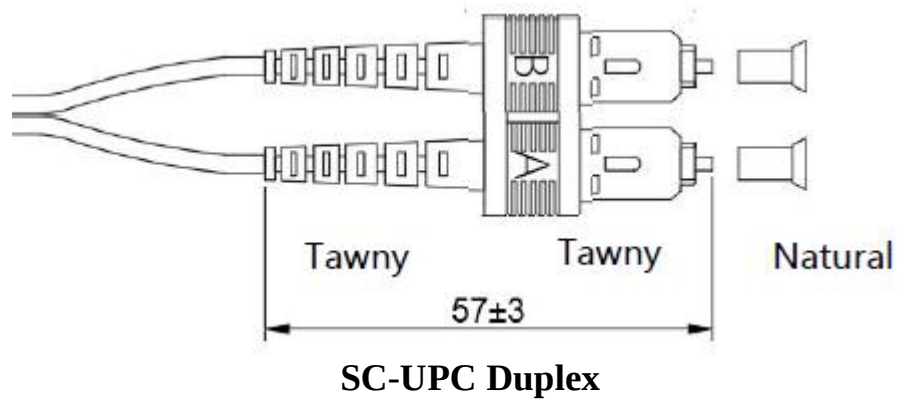
## Parameters of Connectors

| Single Mode<br>( SM ) | Conector | Insertion Loss |         |     |         | Return Loss |        |     |        | Connector<br>qty for Sim-<br>plex/ duplex | Housing<br>material |
|-----------------------|----------|----------------|---------|-----|---------|-------------|--------|-----|--------|-------------------------------------------|---------------------|
|                       | LC       | UPC            | ≅ 0.3dB | APC | ≅ 0.2dB | UPC         | ≅ 50dB | APC | ≅ 55dB | 2/4                                       | Plastic             |
|                       | SC       | UPC            | ≅ 0.3dB | APC | ≅ 0.2dB | UPC         | ≅ 50dB | APC | ≅ 55dB | 2/4                                       | Plastic             |
|                       | FC       | UPC            | ≅ 0.3dB | APC | ≅ 0.2dB | UPC         | ≅ 50dB | APC | ≅ 55dB | 2/4                                       | Metal               |
|                       | ST       | UPC            | ≅ 0.3dB | APC | ≅ 0.2dB | UPC         | ≅ 50dB | APC | ≅ 55dB | 2/4                                       | Metal               |
| Multi Mode<br>( MM )  | LC       | UPC            | ≅ 0.3dB | APC | ≅ 0.2dB | UPC         | ≅ 50dB | APC | ≅ 55dB | 2/4                                       | Plastic             |
|                       | SC       | UPC            | ≅ 0.3dB | APC | ≅ 0.2dB | UPC         | ≅ 50dB | APC | ≅ 55dB | 2/4                                       | Plastic             |
|                       | FC       | UPC            | ≅ 0.3dB | APC | ≅ 0.2dB | UPC         | ≅ 50dB | APC | ≅ 55dB | 2/4                                       | Metal               |
|                       | ST       | UPC            | ≅ 0.3dB | APC | ≅ 0.2dB | UPC         | ≅ 50dB | APC | ≅ 55dB | 2/4                                       | Metal               |

Durability: ≅ 1000times

**Drawing – Patch Cord cable ( 2.0 Duplex)****OS2****OM3****OM4**

**OM5****Drawing – Connector****LC-UPC Duplex**

**For More Information:**

Email: [sales@telemax.cn](mailto:sales@telemax.cn)  
[www.telemax.cn](http://www.telemax.cn)  
[www.telemaxcable.com](http://www.telemaxcable.com)