GLASFO

# Fiber Optic Cable Patchcord LC-PC LC-PC SM DX

## Technical Parameter

| Parameter | Unit | FC, SC, LC | | | | ST, MU | | | MT-RJ, MPO | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | dB | SM | | | MM | SM | | MM | SM | | MM |
| | dB | PC | UPC | APC | PC | PC | UPC | PC | PC | UPC | PC |
| Insertion Loss (Typical) | nm | ≤0.3 | ≤0.2 | ≤0.3 | ≤0.2 | ≤0.3 | ≤0.2 | ≤0.2 | ≤0.3 | ≤0.2 | ≤0.2 |
| Return Loss | dB | ≥45 | ≥50 | ≥60 | ≥30 | ≥45 | ≥50 | ≥30 | ≥45 | ≥50 | ≥35 |
| Operating Wavelength | dB | 1310, 1510 | | | | | | | | | |
| Exchange ability | °C | ≤0.2 | | | | | | | | | |
| Vibration | °C | ≤0.2 | | | | | | | | | |
| Operating Temperature | nm | -40~75°C | | | | | | | | | |
| Storage Temperature | | -45~85°C | | | | | | | | | |
| Cable Diameter | | ϕ 3.0 ϕ 2.0 ϕ 0.9 or customized | | | | | | | | | |
| Material of the jacket | | PVC or LSZH or customized | | | | | | | | | |
| Color of the jacket | | SM yellow, OM1, OM2 orange, OM3 aqua, or customized | | | | | | | | | |
| Single mode fiber | | ITU- T G.652, or G655, or G657 | | | | | | | | | |
| Multi monde fiber | | ITU-TG.651 | | | | | | | | | |
| Fiber type | | 9/125 μm (OS1), or 62.5/125μm (OM1), or 50/125μm (OM2, OM3) | | | | | | | | | |

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**Overview**

A patch cord can be split into three crucial components, the connector, the cable and the manufacturing process.

These three areas all contribute to the performance of a patch cord, but above all the manufacturing process is the one that defines the performance of the assembly. And it can be combinated any items, including angled (angle polish) SCA, MUA, STA, LCA, MPO Angled.

**Product Features**

- Quick, highly repeatable, low-loss connections
- Simplex & Duples
- Singlemode & Multimode
- PC, UPC & APC polishing
- Various boot (cable) sizes available
- FC/ LC/ SC/ ST/ MTR/ MPO connectors available
- Interferential parameters
- Hybrid patch-cords are available upon request

**Application**

- ODF of optical transmission system
- Connection of optical transmission equipment
- Telecommunication network
- Computer network
- CATV
- High quality graphic transmission network
- High speed data transmission network