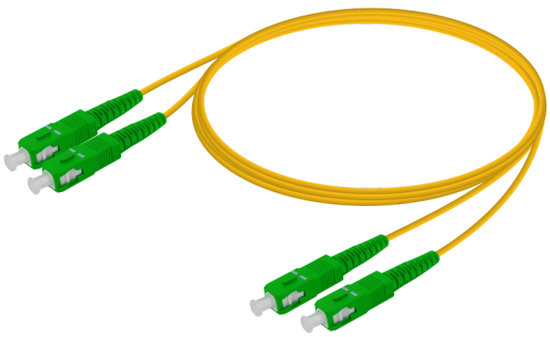
# Duplex Single-Mode Fig-8 Patch Cord

## Connector Specifications

| | |
|---|---|
| LC Connector Compliance | IEC 61754-20, TIA 604-10-A, RoHS |
| SC Connector Compliance | IEC 61754-4, TIA 604-3, RoHS |
| FC Connector Compliance | IEC 61754–13, TIA 604–4–A, RoHS |
| ST Connector Compliance | IEC 61754–2, TIA 604–2, RoHS |
| LSH Connector Compliance | IEC 61754 - 15, TIA 604 - 16, RoHS |
| Alignment Technology | Full ceramic ferrule (Zirconia $ZrO_2$) |
| Operating Temperature | -40°C to +85°C |
| Flammability | UL94 V-0 |
| Durability | < 0.1 dB typical change for > 500 matings |



## Optical Performance

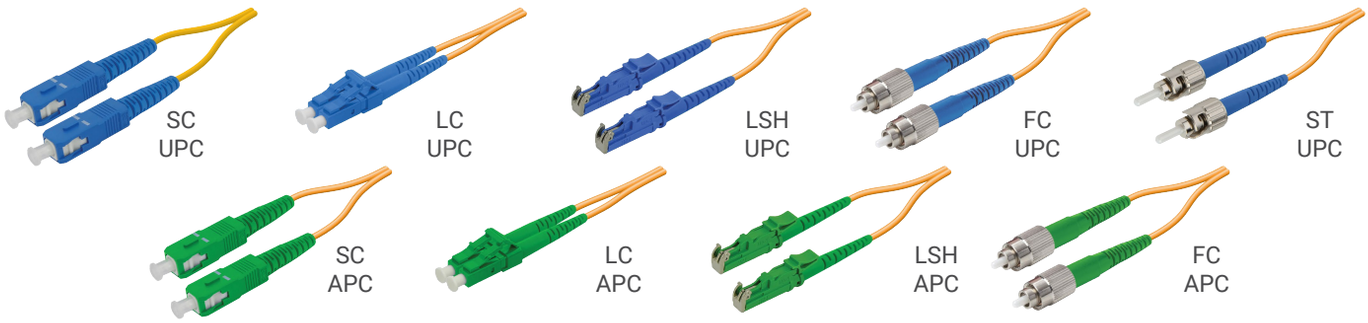
| | |
|---|---|
| Insertion Loss<br>IEC 61300-3-4 Method B | Single-Mode: ≤ 0.30 dB Max.<br>0.15 dB Typ. |
| Return Loss<br>IEC61300-3-6 Method B | Single-Mode UPC: ≥ 50 dB<br>Single-Mode APC: ≥ 60 dB |

## Cable Specifications

- 2 cores duplex fiber optic cable
- Jacket Material: LSZH, UL94 V-0
- 1.6-1.8-2.0-3.0 mm diameter options
- Max. Tensile Strength is 300 N
- Min. Bending Radius is 25 mm
- Cable Color: OS1/OS2: Yellow

## End-face Control Parameters

| | |
|---|---|
| Geometry Inspection | UPC : IEC 61755-3-1<br>APC : IEC 61755-3-2 |
| Visual Inspection | IEC 61300-3-35 |




Sample Coding

I - PC - 02 - DX - 020 - A2 - SC - SC - 005M

| Type | Type | Fiber Count | Cable Type | Diameter | Fiber Type | Side A | Side B | Length |
|---|---|---|---|---|---|---|---|---|
| Indoor: I | Patch Cord: PC | 2 Fiber: 02 | Duplex: DX | 1.6 mm: 016<br>1.8 mm: 018<br>2.0 mm: 020<br>3.0 mm: 030 | SM G.657 A2: A1<br>SM G.657 A2: A2<br>SM G.657 B3: B3<br>SM G.652 D : 2D | SC-UPC: SC<br>SC-APC: SA<br>LC-UPC: LC<br>LC-APC: LA<br>FC-UPC: FC<br>FC-APC: FA<br>ST-UPC: ST<br>LSH-UPC: E2<br>LSH-APC: EA | SC-UPC: SC<br>SC-APC: SA<br>LC-UPC: LC<br>LC-APC: LA<br>FC-UPC: FC<br>FC-APC: FA<br>ST-UPC: ST<br>LSH-UPC: E2<br>LSH-APC: EA | ___M |