

DRAW

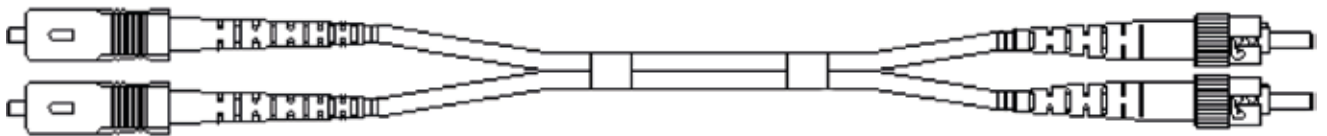
Simplex 900um



Simplex 2mm



Duplex 2mm



DESCRIPTION

The SC, ST connectors with high quality zirconia ferrules and non-optical disconnect performance. They are fully compatible with existing SC, ST hardware.

FEATURES

- Small Size, High Precision
- SC Push-pull latching mechanism
- ST compatible bayonet coupling.
- Metal body and zirconia ferrule.
- Low insertion loss and high return loss
- Single and duplex are Available

APPLICATIONS

- Local Area Networks
- Fast Ethernet
- Fiber Channel
- ATM Networks
- Instrumentation

SPECIFICATIONS
ST
SC

| Characteristics | Unit | Value/Performance | | | Value/Performance | | |
|----------------------------------|----------------------------|------------------------|-----------------------|-----------------------|-------------------|---------------|-----|
| | | SM | | MM | SM | | MM |
| | | SPC | UPC | | UPC | APC | |
| Basic | | | | | | | |
| Insertion Loss (IL) | dB | ≤0.3 | | | ≤0.3 | | |
| Return Loss (RL) | dB | ≥45 | ≥50 | ≥23 | SPC≥45 UPC≥50 | ≥60 | ≥23 |
| Endurance | dB | ΔIL≤0.2 | | | ΔIL≤0.2 | | |
| Operating Temperature | °C | -20 ~ +70 | | | -20 ~ +70 | | |
| Storage Temperature | °C | -40 ~ +70 | | | -40 ~ +70 | | |
| Ferrule end-face geometry | | | | | | | |
| Radius of Curvature (R) | mm | 7-25 | | NA | 7-25 | 5-12 | NA |
| Apex Offset | um | ≤50 | | NA | ≤50 | | NA |
| Fiber Protrusion | nm | ≤50 | | NA | ≤50 | ≤100 | NA |
| Fiber Under Cut | nm | ≤125 @R=7-10 | | NA | ≤125@ R=7-10 | ≤100 | NA |
| Mechanical | | | | | | | |
| Drop | dB | ΔIL≤0.2 | | | ΔIL≤0.2 | | |
| Vibration | dB | ΔIL≤0.2 | | | ΔIL≤0.2 | | |
| Flex | dB | ΔIL≤0.2 | | | ΔIL≤0.2 | | |
| Twist | dB | ΔIL≤0.2 | | | ΔIL≤0.2 | | |
| Pull Proof | dB | ΔIL≤0.2 | | | ΔIL≤0.2 | | |
| Static Bending | dB | ΔIL≤0.2 | | | ΔIL≤0.2 | | |
| Crushing | dB | ΔIL≤0.2 | | | ΔIL≤0.2 | | |
| Environmental | | | | | | | |
| Cold | dB | ΔIL≤0.2 | | | ΔIL≤0.2 | | |
| Dry Heat | dB | ΔIL≤0.2 | | | ΔIL≤0.2 | | |
| Damp Heat | dB | ΔIL≤0.2 | | | ΔIL≤0.2 | | |
| Transmission | | | | | | | |
| Characteristics | Unit | G652 SM | Std. 50um | 62.5um | OM2 | OM3 | |
| Max. Attenuation | dB/km (nm) | 0.4/0.3 (1310/1550) | 2.8 (850) | 3.0 (850) | 2.8 (850) | 2.8 (850) | |
| Min. Bandwidth | MHz*km (nm) | - | 500/500 (850/1300) | 200/200 (850/1300) | 750 (850) | 2000 (850) | |
| Dispersion Coefficient | ps/ nm ² *km | <3.0 (1310nm) | - | - | - | - | |

ORDER INFORMATION

| P/N | Description |
|----------|--|
| CFO-8502 | Fiber Optic Patch Cord SC-ST Multi-Mode Duplex UPC OM1 2mts. |
| CFO-8402 | Fiber Optic Patch Cord SC-ST Multi-Mode Duplex UPC OM2 2mts. |
| CFO-8202 | Fiber Optic Patch Cord SC-ST Multi-Mode Duplex UPC OM3 2mts. |
| CFO-8503 | Fiber Optic Patch Cord SC-ST Multi-Mode Duplex UPC OM1 3mts. |
| CFO-8403 | Fiber Optic Patch Cord SC-ST Multi-Mode Duplex UPC OM2 3mts. |
| CFO-8102 | Fiber Optic Patch Cord SC-ST Single-Mode Duplex UPC 2mts. |
| CFO-8108 | Fiber Optic Patch Cord SC-ST Single-Mode Duplex UPC 8mts. |