

Component Specifications



Part Numbers
PCSxx-S SPSxx-S****
UPSxx-S APSxx-S****
PCDxx-S SPDxx-S****
UPDxx-S**

Singlemode Fiber Optic Cable Assemblies

APPLICATION

Singlemode Fiber Optic Cable Assemblies are designed to patch and connect fiber cabling systems from the workstation to the frame. The cable assemblies are available in 1, 2, 3, 5 and 10 meter lengths and custom lengths. They offer a variety of connection configurations including standard and hybrid combinations of ST, SC, LC, and FC connectors. Singlemode cable assemblies are also offered in PC, SPC, UPC, APC polish styles.

STANDARDS COMPLIANCE

Compliant with TIA/EIA-568B.3

PHYSICAL SPECIFICATIONS

Materials: Singlemode OFNR fiber optic cable
 Polish Type: PC, SPC, UPC, APC
 Dimensions: 1, 2, 3, 5, and 10 meter lengths
 Custom lengths also available
 Cable Color: Yellow

DESIGN CONSIDERATIONS

- Standard or hybrid connector styles.
- Insertion loss guaranteed to be less than .3dB at 1310nm and 1550nm per mated pair.
- See the chart below for optical return loss, greater than or equal to the dB listed.
- All connectors have precision pre-radiused zirconia ferrules.
- ST and FC connectors have metal bodies.

WARRANTY INFORMATION

- One-year limited product warranty and 15-year performance guarantee are standard.
- Product and performance warranties are extended to a Lifetime as part of Leviton's Certified Cabling System.

See ELECTRONIC FILES for CAD files (.DXF, .DWG, MS-DOS.EPS) on disk



For ELECTRONIC Typical Specs see (.TXT) file on disk.

TYPICAL SPECIFICATION

The fiber optic cable assembly shall provide insertion loss guaranteed to be less than .3dB at 1310nm and 1550nm per mated pair. The fiber optic cable assembly shall be OFNR, yellow fiber optic cable. The cords shall be available in 1, 2, 3, 5 and 10 meter lengths. They shall be compliant with TIA/EIA-568B.3. The manufacturer shall provide a one-year limited product warranty and a 15-year performance guarantee which can be extended to a Lifetime if installed as part of a certified cabling system.

Singlemode Fiber Optic Cable Assemblies

| Singlemode Fiber Optic Cable Assemblies | | | | | |
|---|--|------------------|------------|------------|-------------------------|
| Connector Style | Density | SINGLEMODE FIBER | | | |
| | | PC Polish | SPC Polish | UPC Polish | APC Polish |
| Part Numbers | | | | | |
| Standard ST to ST SC to SC FC to FC LC to LC | Simplex Simplex Simplex Simplex | PCSST-S** | SPSST-S** | UPSST-S** | APSSC-S** APSFCS-S** |
| | | PCSSC-S** | SPSSC-S** | UPSSC-S** | |
| | | PCSFCS-S** | SPSFC-S** | UPSFC-S** | |
| | | PCSCL-S** | SPSCL-S** | UPSCL-S** | |
| Hybrid SC to LC ST to LC FC to LC | Simplex Simplex Simplex | PCSCL-S** | SPSCL-S** | UPSCL-S** | |
| | | PCSTL-S** | SPSTL-S** | UPSTL-S** | |
| | | PCSFL-S** | SPSFL-S** | UPSFL-S** | |
| Standard ST to ST SC to SC LC to LC | Duplex Duplex Duplex | PCDST-S** | SPDST-S** | UPDST-S** | |
| | | PCDSC-S** | SPDSC-S** | UPDSC-S** | |
| | | PCDLC-S** | | | |
| Hybrid SC to LC ST to LC ST to SC | Duplex Duplex Duplex | PCDCL-S** | SPDCL-S** | UPDCL-S** | |
| | | PCDTL-S** | | | |
| | | PCDCT-S** | | | |
| †Color Codes: | | Red | White | Dark Blue | Green |
| Optical Return Loss: | | ≥30dB | ≥40dB | ≥55dB | ≥65dB |

† Compliant with Telecordia Technologies' Industry Standard GR-326-CORE

** = Length: 01=1 meter, 02=2 meters, 03=3 meters, 05=5 meters, 10=10 meters

☎ = Custom lengths available upon request. Call Customer Service at 1 (800) 722-2082 for more information.



For Applications Engineering Support – Call 1-425-485-4288; in USA call 1-800-722-2082
 Spec sheets and updates are also available at www.levitonvoicedata.com.

