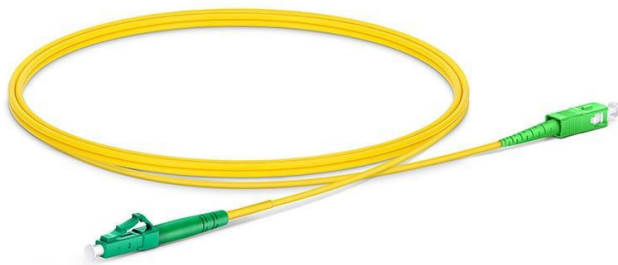


CFPS9SCALCAYLx | Fiber Optic Patch Cord
SC/APC to LC/APC OS2 G.657A1 LSZH

CTS



*Images are for representative purposes only

Product Description:
CTS Fiber Optic Patch Cords consists of fiber optic strands encased in protective jackets with factory pre-terminated fiber connectors on both ends and are ideal to connect various fiber optic components, such as transceivers, switches, and patch panels

Applications:
Network devices, patch panels, fiber distribution hubs, and other fiber optic components in telecommunications, data centers, and enterprise networks.

Standards:
Compliant to Telcordia GR326
ITU-T G.657A1
TIA/EIA 568-C.3
IEC61754-04/20
RoHS Compliant

Features & Benefits:
Ease of connection and flexibility
Colour coding for easy identification
Minimal signal loss

Specification:

| | |
|-----------------------|--|
| Fiber Type | Single Mode OS2 compliant to ITU-T G.657A1 |
| Connector Type A | Simplex SC/APC |
| Connector Type B | Simplex LC/APC |
| Jacket / Boot Colour | Yellow / Green |
| Outer Diameter | 2.0 ± 0.1 mm |
| Jacket Sheath | LSZH |
| Insertion Loss | <= 0.3 dB |
| Return Loss | >= 60 dB |
| Operating temperature | -25°C to +70°C |
| Durability | > 500 times |



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Optical Fiber Specification:

| | | | |
|--|--------------------------------|------------------------|-----------|
| Attenuation before cable pulling | ≤ 0.35 dB/km @ 1310 nm | ≤ 0.21 dB/km @ 1550 nm | |
| Attenuation after cable pulling | ≤ 0.40 dB/km @ 1310 nm | ≤ 0.30 dB/km @ 1550 nm | |
| Zero Dispersion Wavelength | 1300 ~ 1324 nm | | |
| Zero Dispersion Slope | ≤ 0.092 ps/nm ² ·km | | |
| Cable Cutoff Wavelength (λ _{cc}) | ≤ 1260 nm | | |
| Macro bending Loss | (10 turns; Φ30 mm) | @1550 nm | ≤ 0.25 dB |
| | | @1625 nm | ≤ 1.0 dB |
| | (1 turns; Φ20 mm) | @1550 nm | ≤ 0.75 dB |
| | | @1625 nm | ≤ 1.5 dB |
| Mode Field Diameter @1310 nm | 8.6 ~ 9.5 ± 0.4 μm | | |
| Cladding Diameter | 125 ± 1 μm | | |
| Cladding Non-Circularity | ≤ 1.0 % | | |
| Core/Clad Concentricity Error | ≤ 0.5 μm | | |
| Proof Stress | ≥ 1.05 % | | |

Ordering Information:

| | |
|-----------------|--|
| CFPS9SCALCAYL1 | CTS Fiber Patch Cord Simplex SC/APC to LC/APC 2.0mm SM OS2 G.657A1 LSZH Yellow 1M |
| CFPS9SCALCAYL2 | CTS Fiber Patch Cord Simplex SC/APC to LC/APC 2.0mm SM OS2 G.657A1 LSZH Yellow 2M |
| CFPS9SCALCAYL3 | CTS Fiber Patch Cord Simplex SC/APC to LC/APC 2.0mm SM OS2 G.657A1 LSZH Yellow 3M |
| CFPS9SCALCAYL5 | CTS Fiber Patch Cord Simplex SC/APC to LC/APC 2.0mm SM OS2 G.657A1 LSZH Yellow 5M |
| CFPS9SCALCAYL10 | CTS Fiber Patch Cord Simplex SC/APC to LC/APC 2.0mm SM OS2 G.657A1 LSZH Yellow 10M |
| CFPS9SCALCAYL20 | CTS Fiber Patch Cord Simplex SC/APC to LC/APC 2.0mm SM OS2 G.657A1 LSZH Yellow 20M |

Available Lengths- Replace (1) in the part number with required lengths

