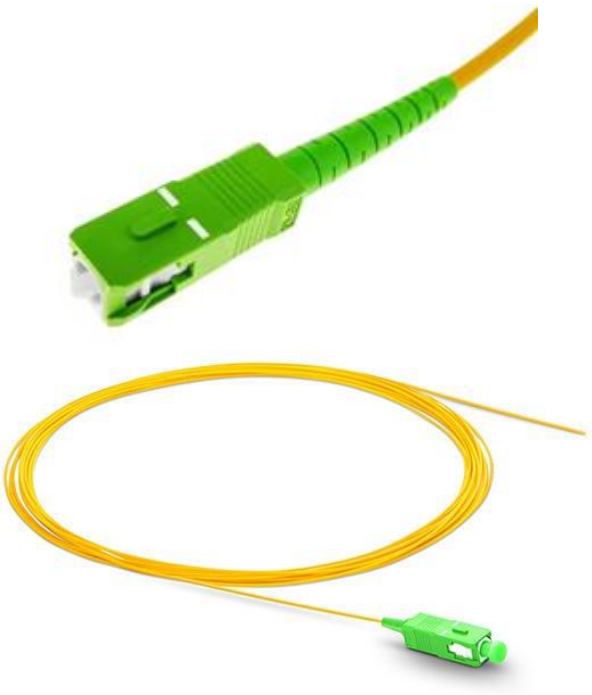
CFPS9SCAYL1 | Fiber Optic Pigtail SC/APC Single Mode OS2 G.657A2 LSZH



*Images are for representative purposes only

Product Description:

CTS Fiber Optic Pigtails with factory pre-terminated fiber connector on one end is ideal for field termination using a mechanical or fusion splicer. The pre-terminated pigtails facilitate quick installations with superior performance and reliability.

Applications:

Patch panels, fiber distribution hubs, termination boxes, and other network components.

Standards:

Compliant to Telcordia GR-326
ITU-T G.657A2
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.657A2
Connector Type	Simplex SC/APC
Jacket Colour	Yellow
Outer Diameter	0.9 ± 0.05 mm Tight Buffer
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/nm2·km		
Cable Cutoff Wavelength (λcc)	≤ 1260 nm		
Macro bending Loss	(10 turns; Φ30 mm)	@1550 nm	≤ 0.03 dB
		@1625 nm	≤ 0.10 dB
	(1 turns; Φ20 mm)	@1550 nm	≤ 0.10 dB
		@1625 nm	≤ 0.20 dB
	(1 turns; Φ15 mm)	@1550 nm	≤ 0.50 dB
		@1625 nm	≤ 1.00 dB
Mode Field Diameter @1310 nm	8.6 ± 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:

CFPS9SCAYL1 CTS Fiber Optic Pigtail SC/APC Single Mode OS2 G.657A2 LSZH Yellow 1M

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