

**FOPC-UU1SS-XXXM**

Fiber Optic Patch Cord, Simplex, SC/APC to SC/APC, Single Mode, LSZH, Indoor

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A simplex fiber optic patch cord incorporating bend insensitive single mode fiber, preterminated with SC/APC connectors on both ends. The tight buffered fibre and non metallic strain member is protected by an LSZH jacket, suitable for indoor applications

Features / Benefits

- High precision SC/APC connector provides low insertion loss, high return loss, excellent stability, repeatability and durability
- All connectors are terminated and fully tested in controlled conditions to ensure optimum performance and reliability
- Available in a range of standard or customized lengths to simplify network design

Technical Features**STRUCTURE**

Cable Type	Tight buffered optical fiber
Jacket Material	Yellow LSZH
Number of Fiber	1

MECHANICAL SPECIFICATIONS

Outer Diameter Nominal	2mm (0.079in)
Minimum Single Bending Radius	20mm (0.787in)
Minimum Multi Bending Radius	40mm (1.575in)
Tensile Strength (Operating)	40 N
Tensile Strength (Installation)	80 N
Crush Resistance (Operating)	100 N / 10 cm
Crush Resistance (Installation)	500 N / 10 cm

OPTICAL SPECIFICATIONS

F/O Cable Type	Tight Buffer, Single Mode
Core/Clad	9 /125
F/O Cable Jacket	Yellow LSZH
Fiber Termination End 1	SC/APC, simplex, single mode, IEC 61754-4
Fiber Termination End 2	SC/APC, simplex, single mode, IEC 61754-4
Connector Insertion Loss	Max. 0.30 dB @ 1310&1550nm@IEC 61300-3-4 Method B
Connector Return Loss	Min. 60 dB @ 1310&1550nm@IEC 61300-3-6



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ENVIRONMENTAL

Storage Temperature	-25°C to 70°C (-13°F to 158°F)
Operation Temperature	-20°C to 60°C (-4°F to 140°F)
Installation Temperature	-5°C to 50°C (23°F to 122°F)

VARIATION INFORMATION

Model Number	FOPC-UU1SS-001M	FOPC-UU1SS-003M	FOPC-UU1SS-005M	FOPC-UU1SS-007M	FOPC-UU1SS-010M
Length	1 m (3.281ft)	3m (9.843ft)	5m (16.404ft)	7m (22.966ft)	10m (32.808ft)