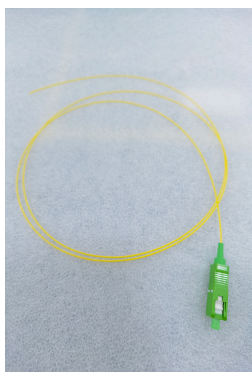


**FOPC-U01SS-XXXM**

HYBRIFLEX® Fiber Patch Cord, Single-Mode, Simplex, One side open



RFS' HYBRIFLEX™ Optical fiber pigtail with an SC/APC connector on one end of a 900um buffered, G657A2 single mode optical fibre. The SC/APC connector has been terminated to ensure optimum performance within RoF (Radio over Fibre) applications, in particular providing low insertion loss and minimal back reflections.

Feature / Benefits

- Industry standard (IEC61754) simplex SC/APC connector with high tolerance zirconia ceramic ferrule to ensure optimum reliability
- Factory terminated in controlled conditions to ensure low insertion loss and high return loss. 100% tested

Technical features**STRUCTURE**

Cable Type	Fiber Patchcord
Number of Fiber	1

MECHANICAL SPECIFICATIONS

Outer Diameter Nominal	0.9mm (0.035in)
Tensile Strength (Operating)	3 N
Tensile Strength (Installation)	6 N
Crush Resistance (Operating)	100 N / 10 cm

F/O CABLE SPECIFICATIONS

F/O Cable Type	Single Mode G657A2
Core/Clad	9 /125
Single Bending Radius	10mm (0.394in)
Fiber Termination End 1	SC / APC Simplex
Fiber Termination End 2	No connector, open end,
Fiber Attenuation	≤ 0.36 dB/km $\lambda=1310$ nm; ≤ 0.3 dB/km $\lambda=1550$ nm dB/km
Connector Insertion Loss	SC(APC)SM : Max. 0.30 dB @ 1310&1550nm@IEC 61300-3-4 Method B
Connector Return Loss	SC/APC(SM): Min. 60 dB @ 1310&1550nm@IEC 61300-3-6

ENVIRONMENTAL

Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Operation Temperature	-20°C to 60°C (-4°F to 140°F)
Installation Temperature	-10°C to 50°C (14°F to 140°F)



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ADDITIONAL ASSEMBLIES

Length	Model Name
Length	Model Name
1 m	FOPC-U01SS-001M
2 m	FOPC-U01SS-002M
3 m	FOPC-U01SS-003M