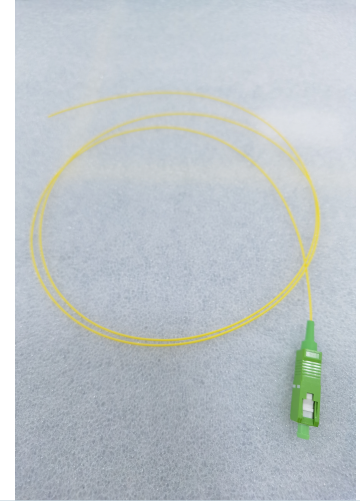




RFS' HYBRIFLEX™ Optical fiber pigtail with an SC/APC connector on one end of a 900um buffered, G657A2 single mode optical fibre. The SC/APC connector has been terminated to ensure optimum performance within RoF (Radio over Fibre) applications, in particular providing low insertion loss and minimal back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

FEATURES / 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

Tensile Strength (Operating)		3 N
Tensile Strength (Installation)		6 N
Crush Resistance (Operating)		100 N / 10 cm

CABLE JACKET

Outer Diameter Nominal	mm (in)	0.9 (0.035)
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F/O CABLE SPECIFICATIONS

F/O Cable Type		Single Mode G657A2
Core/Clad	µm	9 /125
Single Bending Radius	mm (in)	10 (0.394)
Fiber Termination End 1		SC / APC Simplex
Fiber Termination End 2		No connector, open end,
Fiber Attenuation		≤ 0.36 dB/km λ=1310nm; ≤0.3 dB/km λ =1550nm
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

TESTING AND ENVIRONMENTAL

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



ADDITIONAL ASSEMBLIES

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



External Document Links

Notes