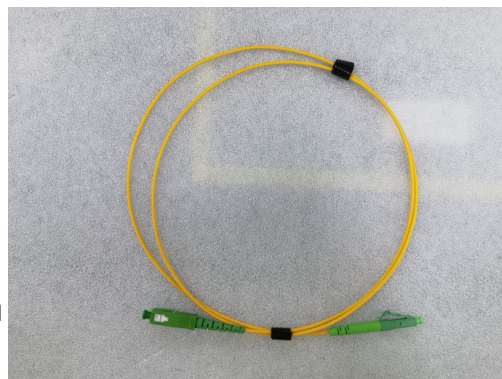




HYBRIFLEX fiber only patch cord, simplex single mode fiber, preterminated with LC/APC connector on one end and SC/APC connector on the other of this LSZH, indoor cable. Optimized for Radio over Fiber (RoF) applications, for use within the RFS "Plug and Play" RoF solution.

FEATURES / BENEFITS

- High precision LC and SC/APC connectors provide low insertion loss, high return loss, excellent stability 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
- RFS' "Plug and Play" solution simplifies network design, minimizes installation/testing time and the necessary on site skills

**External Document Links****Notes****Technical features****STRUCTURE**

Cable Type		single mode fiber (G657A2), LSZH jacket, yellow
Number of Fiber		1

MECHANICAL SPECIFICATIONS

Minimum Bending Radius, (Operating)	mm (in)	20 (0.787)
Minimum Bending Radius, (Installation)	mm (in)	40 (1.575)
Tensile Strength (Operating)		40 N
Tensile Strength (Installation)		80 N
Crush Resistance (Operating)		100 N / 10 cm
Crush Resistance (Installation)		500 N / 10 cm

CABLE JACKET

Jacket Material		LSZH
Outer Diameter Nominal	mm (in)	2 (0.079)

F/O CABLE SPECIFICATIONS

F/O Cable Type		Tight Buffer, Single Mode
Core/Clad	µm	9 /125
F/O Standards (Meets or Exceeds)		G657A2
Fiber Termination End 1		LC/APC simplex, single mode, IEC 61754-20
Fiber Termination End 2		SC/APC simplex, single mode, IEC 61754-4
Fiber Attenuation	dB/km	≤ 0.36dB/km λ=1310nm ; ≤0.22dB/km λ =1550nm
Connector Insertion Loss		LC(APC)SM : Max. 0.30 dB @ 1310&1550nm@IEC 61300-3-4 Method B ; SC(APC)SM : Max. 0.30 dB @ 1310&1550nm@IEC 61300-3-4 Method B
Connector Return Loss		LC/APC(SM): Min. 60 dB @ 1310&1550nm@IEC 61300-3-6 ; SC/APC(SM): Min. 60 dB @ 1310&1550nm@IEC 61300-3-6

TESTING AND ENVIRONMENTAL

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

**ASSEMBLY LOSS**

Optical Insertion Loss	Assembly or Jumper	LC/APC (SM): Max. 0.3dB@1310&1550nm - SC/APC (SM): Max. 0.3dB@1310&1550nm
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ORDERING INFORMATION

Standard	1 pcs in PE bag
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ADDITIONAL ASSEMBLIES

Length	Model Name
1 m	FOPC-LU1SS-001M
2 m	FOPC-LU1SS-002M
3 m	FOPC-LU1SS-003M
4 m	FOPC-LU1SS-004M
5 m	FOPC-LU1SS-005M
6 m	FOPC-LU1SS-006M
7 m	FOPC-LU1SS-007M
8 m	FOPC-LU1SS-008M
9 m	FOPC-LU1SS-009M
10 m	FOPC-LU1SS-010M

