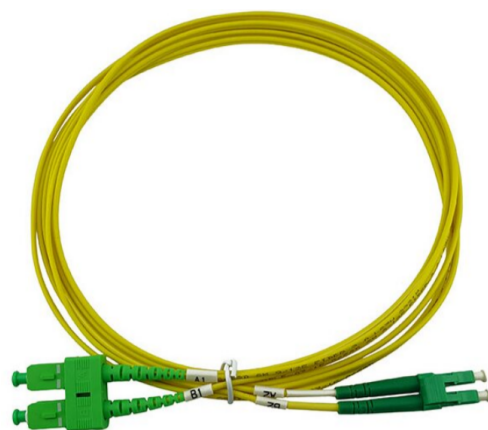




Duplex LC/APC to Duplex SC/APC, G65572A2 5.0mm duplex patchcord, factory fitted guaranteed with high-quality glass fiber cores terminated in highly reliable zirconia ceramic ferrules with high precision polishing to offer low insertion loss and high return loss values optimized by 8° APC characteristic in green housing for easier identifications. For a low smoke emission in case of fire, all RFS Patch Cables use a flame-resistant, halogen-free LSZH outer sheathing making them suitable for the connection to patch panel ports, with each other or the associated connection of optical transceivers, designed to withstand up to 1500 mating cycles with complete peace of mind for the transmission of optical signals without any deterioration.

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

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

Cable Type		Singlemode fiber (G657A2), LSZH jacket, yellow
Number of Fiber		2

MECHANICAL SPECIFICATIONS

Minimum Bending Radius, (Operating)	mm (in)	20 (0.787)
Minimum Bending Radius, (Installation)	mm (in)	40 (1.575)

CABLE JACKET

Jacket Material		LSZH
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F/O CABLE SPECIFICATIONS

F/O Cable Type		Singlemode
Core/Clad	μm	9 /125
Secondary Protection Nominal	μm (in)	900 (0.035)
F/O Standards (Meets or Exceeds)		Fibre: G657A2, Cable according to IEC60793-2, Connectors: IEC61754-20
Fiber Termination End 1		DLC/APC
Fiber Termination End 2		DSC/APC
Fiber Attenuation	dB/km	≤ 0.20dB/km λ=1550nm ; ≤0.35dB/km λ =1300nm
Connector Insertion Loss		LC(APC)SM : Max. 0.25 dB @ 1300&1550nm ; SC(APC)SM : Max. 0.25 dB @ 1300&1550nm

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	DLC/APC (SM): Max. 0.25dB@1310&1550nm - DSC/APC (SM): Max. 0.25dB@1310&1550nm
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FOPC-LU01S-xxxM

Fiber Optic Patch Cord, DLC/APC to DSC/APC, SM Duplex, LSZH, Indoor

ORDERING INFORMATION

Standard	1 pcs in PE bag
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ADDITIONAL ASSEMBLIES

Length	Model Name
1 m	FOPC-LU1S-001M
3 m	FOPC-LU1S-003M
5 m	FOPC-LU1S-005M
10 m	FOPC-LU1S-010M
20 m	FOPC-LU1S-020M
30 m	FOPC-LU1S-030M
50 m	FOPC-LU1S-050M