

# Honeywell

## SM(OS2) FIBER PATCH CORDS LSZH

HONEYWELL Fiber optic single mode patch cords are suitable for data and telecommunication applications. Offerings include Simplex and Duplex configurations with variety of different connectors. Patch cords are 100% factory tested and compatible with industry standards EIA/TIA, Telcordia, IEC.

### Features

- Single Mode OS2 G652D or G657A or G657B
- Simplex and Duplex Configuration
- High Precision ceramic ferrule with excellent concentricity
- 100% Inspection for optical properties and fiber end face finish.
- LSZH Sheath
- PC or APC Connector
- All standard connectors combination



### Technical Specifications

Cable	Connector	SC, LC, FC, MTRJ and ST
	Fiber Type	Corning Fiber SM 9/125 G657A2
	Strength Member	Cable Diameter (mm)
	Jacket Colour	Yellow
	Jacket Thickness (mm)	0.45 +/- 0.05
	Cable Diameter (mm)	2.0 mm
Optical Specification	Insertion Loss	Typical: <0.2dB, Max. 0.3dB (MTRJ: Max. 0.5dB)
	Return Loss	PC>45dB, UPC>50dB, APC>60dB
Mechanical Specification	Connector Ferrule	Ceramic, (MTRJ: PS- Polyphenylene Sulphide)
	Apex Offset	<50um
	Fiber Height	±100nm
	End-face Radius of Curvature	7mm < R < 25mm (Excluding MTRJ)
	Repeatability	<0.2dB 1,000 times mating cycles
Working Temperature	From -40°C to + 85°C	
Storage Temperature	From -40°C to + 85°C	
General	1. Fiber cable according to IEC 60793-2;	
	2. End surface test is according to WI-QJ-021;	
	3. Test standard: IL<=0.3dB, RL>50dB@1310 nm;	
	4. ROHS Compliant.	



FIBER



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## Ordering Information (Part Codes And Description)

No.	Part Code	Description
1	HC001141/FBR/SM/DPC/SCSC/1M	SM SC-SC Duplex Patch Cord 1 Mtr.
2	HC001142/FBR/SM/DPC/LCSC/1M	SM LC-SC Duplex Patch Cord 1 Mtr.
3	HC001143/FBR/SM/DPC/LCLC/1M	SM LC-LC Duplex Patch Cord 1 Mtr.
4	HC001144/FBR/SM/DPC/SCSC/2M	SM SC-SC Duplex Patch Cord 2 Mtrs.
5	HC001145/FBR/SM/DPC/LCSC/2M	SM LC-SC Duplex Patch Cord 2 Mtrs.
6	HC001146/FBR/SM/DPC/LCLC/2M	SM LC-LC Duplex Patch Cord 2 Mtrs.
7	HC001147/FBR/SM/DPC/SCSC/3M	SM SC-SC Duplex Patch Cord 3 Mtrs.
8	HC001148/FBR/SM/DPC/LCSC/3M	SM LC-SC Duplex Patch Cord 3 Mtrs.
9	HC001149/FBR/SM/DPC/LCLC/3M	SM LC-LC Duplex Patch Cord 3 Mtrs.
10	HC001161/FBR/SM/SPC/SCSC/1M	SM SC-SC Simplex Patch Cord 1 Mtr.
11	HC001162/FBR/SM/SPC/LCSC/1M	SM LC-SC Simplex Patch Cord 1 Mtr.
12	HC001163/FBR/SM/SPC/LCLC/1M	SM LC-LC Simplex Patch Cord 1 Mtr.

**NOTE: Length and other Connector options available on demand**

### History

Rev. 1.0, July 2020