

Honeywell

SM(OS2) FIBER PIGTAILS LSZH

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

Features

- Single Mode OS2 G652D or G657A or G657B
- 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 G657A1
	Strength Member	Aramid Yarn
	Jacket Colour	Yellow
	Jacket Thickness (mm)	0.45 +/- 0.05
	Cable Diameter (mm)	0.9 mm
Optical Specification	Insertion Loss	Typical: <0.2dB, Max. 0.3dB (MTRJ: Max. 0.5dB)
	Return Loss	PC>45dB, UPC>50 dB, 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	HC001181/FBR/SM/PGT/SC/1M	SM SC Pigtail Simplex 1 Mtr.
2	HC001182/FBR/SM/PGT/LC/1M	SM LC Pigtail Simplex 1 Mtr.
3	HC001183/FBR/SM/PGT/SC/2M	SM SC Pigtail Simplex 2 Mtrs.
4	HC001184/FBR/SM/PGT/LC/2M	SM LC Pigtail Simplex 2 Mtrs.
5	HC001185/FBR/SM/PGT/SC/3M	SM SC Pigtail Simplex 3 Mtrs.
6	HC001186/FBR/SM/PGT/LC/3M	SM LC Pigtail Simplex 3 Mtrs.
NOTE: Length and other Connector options available on demand		

History

Rev. 1.0, July 2020