

SC-APC Singlemode Pigtail Bend Insensitive

Pigtail SC-APC, 900µm LSOH Tight Buffer

Infinique's SC-APC Singlemode Pigtails are pre-polished in the factory and have been designed for high quality termination. Fitted on one side with Angled Polished Connectors, the connector housing and shutters fully protect the ferrule against dust, dirt and scratching. Each pigtail passes the stringent 400x visual inspection and are tested for insertion and return loss before being individually packed with the test report.

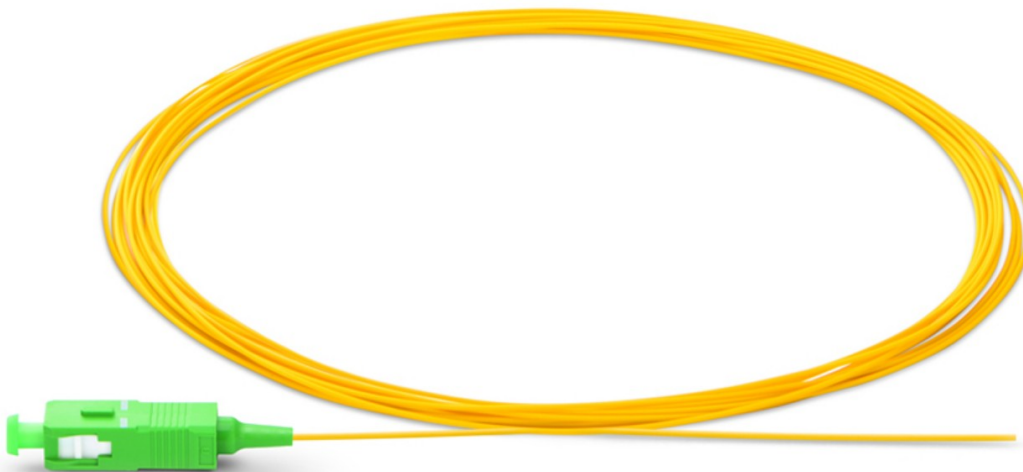
Bend-insensitive, G.657A1 LSOH Singlemode Fiber is used in the manufacture of pigtails that assures low bending loss and protection against accidental tight bends down to 7.5 mm radius.

To confirm high performance and reliability, these patch cords are tested and certified as per Telcordia standards GR-326, Generic Requirements for Single-Mode Optical Connectors and Jumper Assemblies.

Features and Benefits

- **Certification**
IEC, EIA/TIA, Telcordia GR-326 Standards
- **Reliable Performance**
Connectors are factory polished, low insertion loss, factory tested with a detailed test report
- **Quality Design**
Bend-insensitive, G.657A1, Gel Free, LSZH
- **Easy Identification**
Color coded connectors and cable as per Telcordia standards, unique serial number for traceability
- **Speedy Installation**
Pre-assembled pigtails offers plug-n-play solution and speedy installation

SC-APC SINGLEMODE PIGTAIL CONSTRUCTION



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CONNECTOR SPECIFICATIONS		
Connector Type	SC-APC	
Ferrule Material	Ceramic	
Connector Polish	APC	
Housing Material	Composite	
Housing Color	Green	
Boot Type	Simplex	
Boot Color	Green	
Durability	≤ 0.2 dB 1000 mating cycles	
Tensile Strength	4 N	
End Face Radius of Curvature	5 to 12 µm	
End Face Fiber Spherical Height	±0.05 µm	
Insertion Loss, Typical	≤ 0.2 dB	
Insertion Loss, Max	< 0.3 dB	
Return Loss, Max	≥ 65dB	
CABLE SPECIFICATIONS		
Fiber Type	ITU G.657A1 Singlemode Fiber OS2	
Fiber Count	1	
Fiber Core Diameter	9 µm	
Wavelengths	1310 nm / 1550 nm	
Linear Attenuation	0.38 dB/km / 0.25 dB/km	
Outer Jacket Diameter	2.0mm, Length 1.0 meter or Custom Length	
Outer Jacket Material	LSZH	
Outer Jacket Color	Yellow	
TEMPERATURE RANGE		
Installation and Assembly	-20 °C to +60 °C	
Operating Temperature	-40 °C to +75 °C	
Storage Temperature	-55 °C to +85 °C	
STANDARDS		
GR-326, Generic Requirements for Single-Mode Optical Connectors and Jumper Assemblies Optical Interface Standards IEC 61754, ISO/IEC 24764 IEC 61034 and EN 50268 LSOH Low Smoke Zero Halogen IEC 60874 Compliant		
TEST REPORT FORMAT		
Test Report Print: Packed with each individual product includes: Part Number, Description, Wavelength, Insertion Loss and Return Loss		
Visual Inspection: Quality control visual inspection of the component is conducted to determine if the product passed the quality test.		
Component Packing: Quality control visual inspection of the packing is conducted to determine if the component is packed correctly with product label and test report.		
PACKING		
The SC-APC Singlemode Pigtails are packaged in 10 numbers along with the test report.		
ORDERING INFORMATION		
Part Number	Description	Connector
IFAPSMSC1	Infinique Fiber SC-APC Singlemode Pigtail 0.9mm LSOH 1.0M	Singlemode SC-APC



Infinique, a Canadian company is a manufacturer of high performing end-to-end solutions in copper, fiber and video surveillance systems. For more information visit our website at www.infinique.com or email us at sales@infinique.com.