

Optical Fiber

FP02 Series



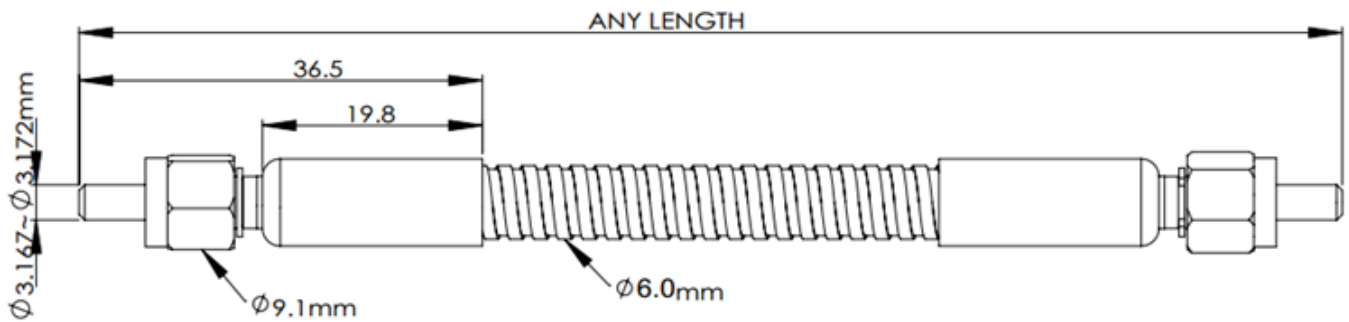
Features

- Silica fiber
- High precision
- High stability

Applications

- Advanced Manufacturing
- Health
- Information Technology
- Scientific Research

Product Dimensions (mm)



Remark: The structure drawing is for reference only. Please feel free to contact us for any special requirements.

Product Specifications

General Specification Data	Unit	Value
Core Diameter	μm	400
Cladding Diameter	μm	440
NA		0.22
Strip Wound Hose		Φ6mm, armor
Eccentricity (fiber core to ferrule)	μm	< 10
Minimal Bending Radius	mm	132
Operation Power	W	≤60
Operation Temp.	°C	20-30
Storage Temp.	°C	5-70

Part No. ¹	FL-FP02-SF/SF-400/440-0.22-S-length-N						
Product Code	FPC000004 ²	FPC000005 ²	FPC000006 ²	FPC000001 ²	FPC000002 ²	FPC000003 ²	
Specification Data	Unit	Value					
Length ³	m	3±0.1	5±0.1	7±0.1	10±0.1	12±0.1	20±0.1
Connector		SMA905 (SF/SF) ⁴	SMA905 (SF/SF) ⁴	SMA905 (SF/SF) ⁴	SMA905 (SF/SF) ⁴	SMA905 (SF/SF) ⁴	SMA905 (SF/SF) ⁴
Optical Transmittance	%	≥95	≥95	≥95	≥95	≥95	≥95
Optical Wavelength	nm	800-1600	800-1600	800-1600	800-1600	800-1600	800-1600

Part No. ¹	FL-FP02-SH/SF-400/440-0.22-S-length-N		
Product Code	FPC000011 ²	FPC000009 ²	FPC000013 ²
Specification Data	Unit	Value	
Length ³	m	1±0.1	2±0.1
Connector		SMA905 (SH/SF) ⁴	SMA905 (SH/SF) ⁴
Optical Transmittance	%	≥95	≥95
Optical Wavelength	nm	800-1600	800-1600

Part No. ¹	FL-FP02-SH/SF-400/440-0.22-S-length-(790-990AR)	
Product Code	FPC000010 ²	FPC000012 ²
Specification Data	Unit	Value
Length ³	m	1±0.1
Connector		SMA905 (SH/SF) ⁴
Optical Transmittance	%	≥99
Optical Wavelength	nm	790-990

¹ Part No. = Brand Code - Series - Connector - Core/Cladding - NA - Homogenization mode - Length - (Coating, where N = no coating).

² Typical customization of products.

³ Other customized lengths on request.

⁴ SH: air gap, SF: flat end.