

Optical Fiber FP02 Series



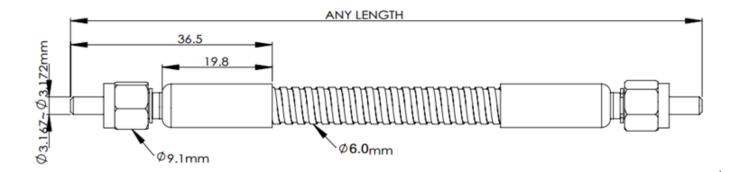
Features

- 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.

All rights reserved. Product specifications and descriptions are subject to change. Product delivered with limited warranty. Please contact our sales representatives for complete details. Address: 56 Zhangba 6th Road, High-Tech Zone, 710077 Xi'an, Shaanxi, P. R. China Focuslight Technologies Inc. Tel: +86 29 8188 9945 | Email: sales@focuslight.com | Website: https://www.focuslight.com



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				F	L-FP02-SF/SF	-400/440-0.22	-S- <i>length</i> -N
Product Code	F	PC000004 ² F	PC000005 ² F	PC000006 ²	FPC000001 ²	FPC000002 ² F	PC000003 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	SMA905	SMA905	SMA905	SMA905	SMA905
		(SF/SF)4	(SF/SF) ⁴	(SF/SF)4	(SF/SF) ⁴	(SF/SF) ⁴	(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- <i>length</i> -N
Product Code		FPC000011 ²	FPC000009	FPC000013 ²
Specification Data	Unit	Value		
Length ³	m	1±0.1	1.5±0.1	2±0.1
Connector		SMA905 (SH/SF) ⁴	SMA905 (SH/SF) ⁴	SMA905 (SH/SF) ⁴
Optical Transmittance	%	≥95	≥95	≥95
Optical Wavelength	nm	800-1600	800-1600	800-1600

Part No. ¹		FL-FP02-SH/SF-400/440-0.22-S- <i>length</i> -(790-990AR)		
Product Code		FPC000010 ²	FPC000012 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	%	≥99	≥99	
Optical Wavelength	nm	790-990	790-990	

¹Part 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.