

Optical Fiber FP03 Series



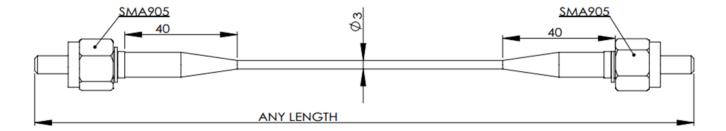
Features

- 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 representative 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

Product Code

Part No.¹

FPC000016²

FL-FP03-SH/SF-200/220-0.22-N-1.5m-(790-990AR)

Optical Data	Unit	
Core Diameter	μm	200
Cladding Diameter	μm	220
NA		0.22
Strip Wound Hose		Ф3mm, PVC
Connector		SMA905 (SH/SF) ⁴
Eccentricity (fiber core to ferrule)	μm	< 10
Minimal Bending Radius (long term)	mm	44
Optical Wavelength	nm	790-990
Optical Transmittance	%	≥99
Operation Power	W	≤30
Operation Temp.	°C	20-30
Storage Temp.	°C	5-70
Length ³	m	1.5±0.1

Product Code	FPC000018 ²	FPC000017 ²
Part No. ¹	FL-FP03-SH/SF-400/440-0.22-S-1.5m	FL-FP03-SH/SF-400/440-0.22-S-1.5m(790-990AR)

Fiber connection	Unit	Value	
Core Diameter	μm	400	400
Cladding Diameter	μm	440	440
NA		0.22	0.22
Strip Wound Hose		Φ3mm, PVC	Ф3mm, PVC
Connector		SMA905 (SH/SF) 4	SMA905 (SH/SF) 4
Eccentricity (fiber core to ferrule)	μm	< 10	< 10
Minimal Bending Radius (long term)	mm	88	88
Optical Wavelength	nm	800-1600	790-990
Optical Transmittance	%	≥95	≥99
Operation Power	W	≤30	≤30
Operation Temp.	°C	20-30	20-30
Storage Temp.	°C	5-70	5-70
Length ³	m	1.5±0.1	1.5±0.1

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.