

Optical Fiber

FP03 Series



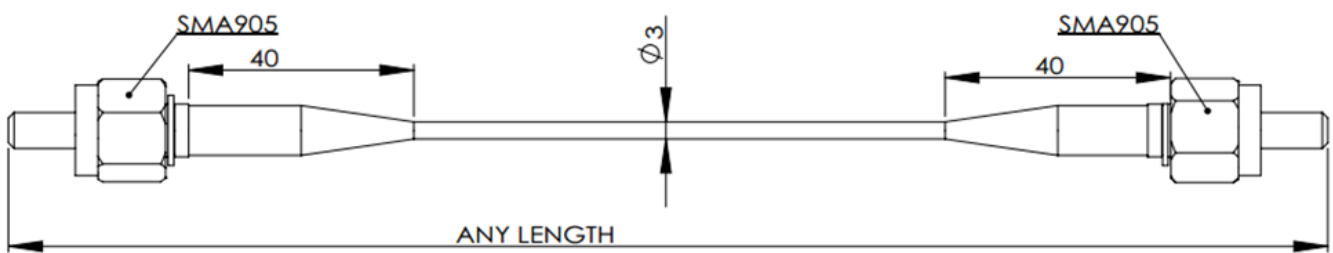
Features

- 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.

Product Specifications

Product Code	FPC300032 ²	FPC000016 ²
Part No. ¹	FL-FP03-SH/SF-200/220-0.22-N-1.5m	FL-FP03-SH/SF-200/220-0.22-N-1.5m-(790-990AR)

Optical Data	Unit	Value	
Core Diameter	μm	200	200
Cladding Diameter	μm	220	220
NA		0.22	0.22
Strip Wound Hose		Φ3mm, PVC	Φ3mm, PVC
Connector		SMA905 (SH/SF) ⁴	SMA905 (SH/SF) ⁴
Eccentricity (fiber core to ferrule)	μm	< 10	< 10
Minimal Bending Radius (long term)	mm	44	44
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

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	Φ3mm, 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.