

PRODUCT INFORMATION SHEET

Fiber Pigtail (FP Series)

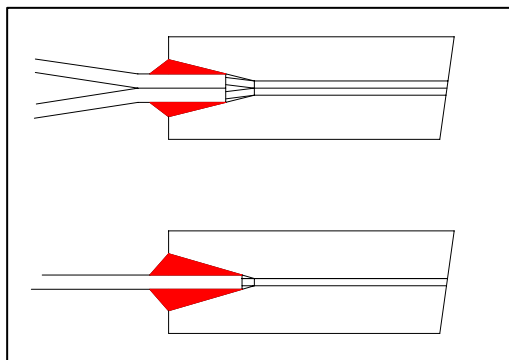
The Fiber Pigtail is the basic component for making Optical Component such as Collimator, Isolator and DWDM. The Fiber Pigtail is characterized with fine polishing surface and accurate polishing angle to reduce back reflection. The unique polishing process and high quality AR coating enable the pigtail to handle high power level.

Specifications

Parameters	Unit	Single Fiber	Dual Fiber
Center Wavelength	nm	1310, 1550 or 1310/1550	
Capillary Diameter	mm	0.99, 1.8, 2.2	0.99, 1.8, 2.2
Capillary Tolerance	mm	±0.005	±0.005
Capillary Length	mm	5.5±0.5	6.0±0.5
Wedge Angle	deg	0° or 8°	
Wedge Tolerance	deg	± 0.50°	
Fiber Orientation Relative To the Wedge Angle			Vertical / Horizontal
Fiber Type		SMF-28 Fiber	
Scratch/Dig		10/5	
AR-Coating		R<0.1%@ λ_c R<0.25%@ $\lambda_c \pm 40\text{nm}$,	

*Above specifications are for device without connector.

Package Dimensions



Ordering Information

FP-①-②-③-④-⑤-⑥-⑦-⑧

① Fiber Pigtail Type	② Center Wavelength	③ Capillary Diameter	④ Capillary Length	⑤ Wedge Angle
S - Single fiber	31 - 1310 nm	1 - 1.8 mm	1 - 5.5 mm	1 - 8°
D - Dual fiber	55 - 1550 nm	2 - 0.99 mm	2 - 6.0 mm	2 - 0°
	3155 - 1310/1550nm	3 - 2.2mm	S -Specify	S - Specify
	S - Specify			

⑥ Fiber Type	⑦ Fiber Orientation (Dual Fiber Only)	⑧ Fiber Length
B - 250um bare fiber	V -Vertical	2 - 2.0 m
L - 900um loose tube	H - Horizontal	S - Specify
T - 900um tight buffer fiber		
S - Specify		