

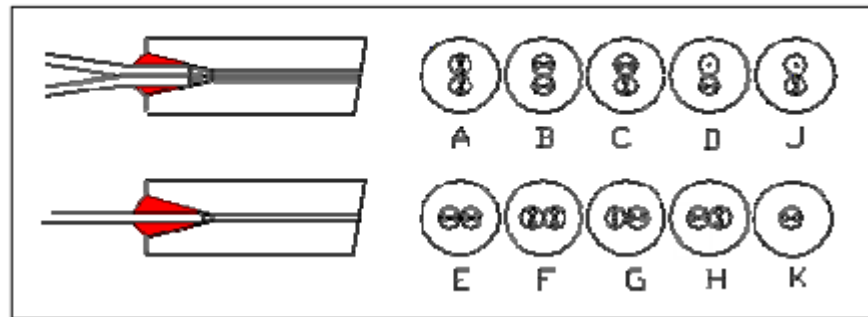
Polarization Maintaining Fiber Pigtail

Model #: PMFP
 Description: Polarization Maintaining Fiber Pigtail
 Application: Fiber components

Specifications:

Parameter	Unit	Specifications	
		Single Fiber	Dual Fiber
Central Wavelength	nm	1550 or 1310	
Capillary Diameter	mm	1.0 or 1.8	
Diameter Tolerance	mm	± 0.005 (for d=1.8 mm); ± 0.02 (for d=1.0 mm);	
Capillary Length	mm	4.70 \pm 0.3	5.10 \pm 0.30
Polishing Angle	degree	0 or 8	
Fiber Orientation		Refer to diagram	
Fiber Type		PM and PM fiber or PM and SM-28 fiber	
Typ. Polarization Extinction Ratio	dB	23	
Min. Polarization Extinction Ratio	dB	20	
Scratch/Dig		10/5	
AR-coating		R < 0.5% over specified wavelength	

Fiber Orientation



Ordering Information:

Faraday Mirror PMFP-A-BBBB-C-D-E-F-G-H-J-K

A: fiber pigtail type	BBBB: AR coating	C – capillary diameter	D: capillary length	E - polishing angle
S – single fiber	9806 – 980/1060 nm	1 – 1.8 mm (single or dual fiber)	1 – 4.70 mm	8 - 8°
D – dual fiber	31/55 – 1310/1550 nm	2 – 1.0 mm (single fiber)	2 – 5.10 mm	X - other
	XXXX - other	X - other	X - other	

F: fiber combination type	G: PM fiber type	H: fiber orientation	J: fiber length	K– center separation
1 – PM & PM fiber	1 – Fiber PM-98-025-B	A~J – refer to the diagram for detail (A~H for dual PM fiber pigtail; D & J for SM & PM fiber; K for single PM fiber)	1 – 1.0 m	125 – 125 μ m (dual fiber)
2 – PM & SM fiber	2 – Fiber PM-31-025-B		X - other	N – not applicable (single fiber)
X - other	3 - Fiber PM-55-025-B			
	4 - Fiber PM-31-040-B			
	5 – Fiber PM-55-040-B			