



# Polarization Maintaining Fiber Pigtail (PMFP Series)

The PM Fiber Pigtail is the basic building block for PM fiber optics components.

The Fiber Pigtail is characterized with fine polishing surface, accurate polishing angle and high extinction ratio. The unique processing and high quality AR coating enable the fiber pigtail to handle high power with minimum loss.

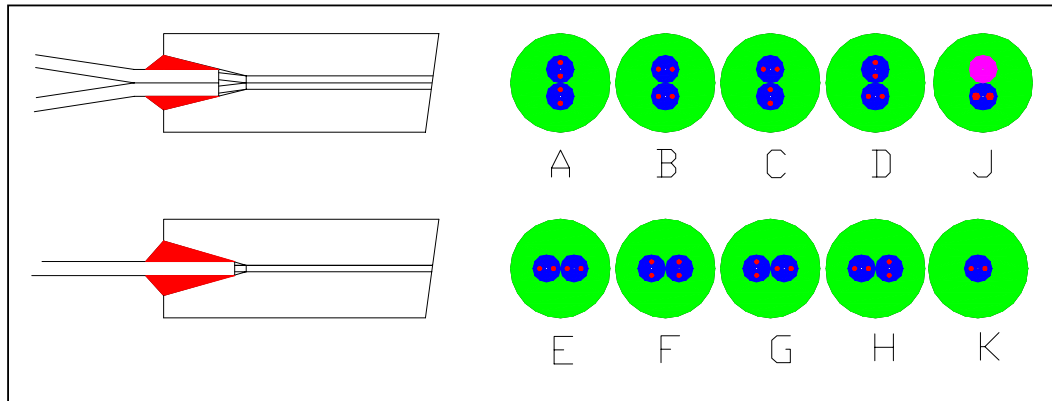
## Specifications

Parameters	Unit	Single Fiber	Dual Fiber
Center Wavelength	nm		1550, 1310 or Specify
Capillary Lens Diameter	mm	0.99, 1.8	1.8
Diameter Tolerance	mm	±0.005 <sup>1</sup>	±0.005
Length	mm	4.75±0.25	5.75±0.25
Wedge Angle	°		0°± 0.50°, 8°± 0.50°
Fiber Orientation Ref. To Wedge Angle			Refer to diagram
Fiber Composing		PM fiber	PM fiber & PM fiber, PM fiber & SMF-28
Fiber Length	m		1.5 or Specify
Extinction Ratio( Min. )	dB		20
Extinction Ratio( Typical )	dB		25
Scratch/Dig			10/5
AR-coating			R<0.1%@λc, R<0.25%@λc±40nm,

<sup>1</sup> Tolerance of 0.99mm pigtail is ±0.01mm

\*Above specification are for device without connector.

## Package Dimensions



## Ordering Information

### PMFP- - - - -

: Fiber Pigtail Type

S - Single fiber

D - Dual fiber

: Center Wavelength

31 - 1310 nm

55 - 1550 nm

S - Specify

: Capillary Diameter

1 - 1.8 mm

2 - 0.99 mm (For single fiber pigtail)

: Length

1 - 4.75 mm

2 - 5.75 mm

3 - 4.0mm (For 1.8mm capillary )

S - Specify

: Wedge Angle

1 - 8°

2 - 0°

S - Specify

Remark: The PM fiber and the connector key are aligned to the slow axis

: Fiber Composing (For Dual Fiber Pigtail)

1 - PM fiber & PM fiber

2 - PM fiber & SMF-28

: Fiber Option

P - Panda fiber

S - Specify

: Fiber Orientation

A~J - Refer to the diagram for detail

(A~H for dual PM fiber pigtail, J for SMF-28&PM fiber pigtail, K for single PM fiber pigtail)

: Fiber Length

B - 1.5 m

S - Specify