



Opto-Link  
Corporation Ltd

# Fiber Pigtail - PM

The Polarization Maintaining (PM) Fiber Pigtail is used in many PM fiber optic components. It provides high extinction ratio along with its accurate polishing angle, fine polishing surface and high quality AR coating. The PM Fiber Pigtail can handle high power applications with minimum loss.

## Applications

- PM amplifier
- Fiber Lasers
- Test Instrumentation

## Features

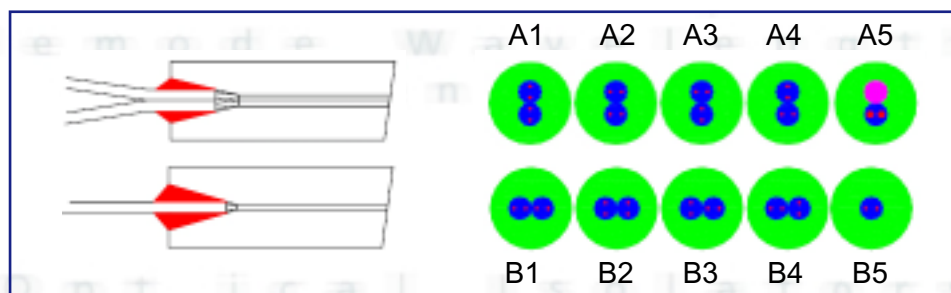
- High Extinction Ratio
- High Quality AR Coating
- Fine Polishing Surface
- Accurate Polishing Angle

## SPECIFICATIONS

Polarization Maintaining Fiber Pigtail

Parameter	Single Fiber	Dual Fiber	Units
Center Wavelength	1310 , 1550 or Specify		nm
Capillary Lens Diameter	0.99, 1.8	1.8	mm
Diameter Tolerance	+/- 0.005 (+/- 0.01 for 0.99mm)	+/- 0.005	mm
Length	4.75 +/-0.25	5.75 +/-0.25	mm
Fiber Composing	PM Fiber	PM Fiber & PM Fiber/SMF-28	
Wedge Angle	0 +/-0.50, 8 +/-0.50		degree
Fiber Orientation Ref. to Wedge Angle	Refer to Diagram		
Fiber Length	1.5 or Specify		m
Extinction Ratio	> 25 (Typ), > 20 (Min)		dB
Scratch/Dig	10/5		
AR Coating	R < 0.1% @ C.W., R < 0.25% @ C.W. +/-40nm		

\*Above specifications are for device without connectors.



A1-A4 & B1-B4 for dual PM fiber pigtail, A5 for PM fiber & SMF-28 pigtail and B5 for single PM fiber pigtail

## ORDERING CODES

OLFP - [ ] - [ ] - [ ] - [ ] - [ ]

Type and Wavelength	Code	Connector Type	Code	Buffer Type	Code
Polarization Maintaining	1310nm	No Connector	NC	900µm buffer	90
	1550nm	FC/UPC	FU	3mm cable	3
	Others	SC/UPC	SU	Others	X
		FC/APC	FA		
		SC/APC	SA		
		Others	XX		

Fiber Type	Code
Single Fiber	S
Dual Fiber	D

Fiber Length	Code
1m	1
Others	X

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