

# 1310nm/1550nm Polarization Maintaining Fiber Collimator

## Product Features

- High Extinction Ratio
- Low Insertion Loss
- High Return Loss

## Product Applications

- Communication Systems
- Free Space Communications
- Fiber Sensors
- Research

## Specifications

Parameter	Unit	Value
Center Wavelength	nm	1550 or 1310
Operating Wavelength Range	nm	±30
Working Distance	mm	5 or Specify
Typ. Insertion Loss at 23°C	dB	≤0.2
Max. Insertion Loss at 23°C	dB	≤0.25
Min. Return loss (input/output)	dB	≥60
Typ. Extinction ratio at 23°C	dB	25
Min. Extinction ratio at 23°C	dB	23
Max. Optical Power (CW)	mW	500
Max. Tensile Load	N	5
Fiber Type (Input-output)	-	PM1550 or PM1310 Panda Fiber
package dimensions	mm	Φ3.2*10
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

\* Above specifications are for devices without connectors

\* For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower

\* The PM fiber and the connector key are aligned to the slow axis

## Ordering Information

PMC	Wavelength	Pigtail Type	Lens type	Package Type	Fiber Jacket	Fiber Length	Connector
	1310nm 1550nm Specify	Single Fiber Dual Fiber	Grin lens C lens	Metal Holder Glass Tube	200um Bare Fiber 900um loose tube Specify	0.5m 1m 1.5m 2m Specify	None FC/APC FC/UPC SC/APC SC/UPC LC/UPC Specify