

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	1064
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)	-	PM1550orPM1310 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