

1030 nm Polarization Maintaining Fiber Collimator



Features

High Extinction Ratio
Low Insertion Loss
High Return Loss

Applications

PM Components
Research
Free Space Communications
Fiber Lasers

Specifications

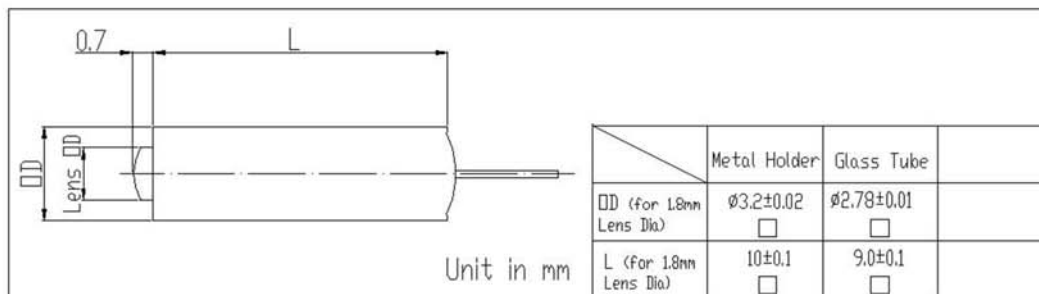
Parameters	Unit	Values
Center Wavelength	nm	1030
Operating Wavelength Range	nm	± 30
Working Distance	mm	5 or Specify
Typ. Insertion Loss at 5mm	dB	0.25
Max. Insertion Loss at 5mm	dB	0.3
Min. Return Loss	dB	60
Typ. Extinction Ratio	dB	25
Min. Extinction Ratio	dB	23
Max. Optical Power (CW)	mW	300
Max. Tensile Load	N	5
Fiber Type		PM 980 Panda Fiber
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

*Above specifications are for device without connector.

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

* The PM fiber & connector key are aligned to the slow axis.

Package Dimensions



Ordering Information

PMC-①①-②-③-④-⑤-⑥⑥-⑦⑦-⑧-⑨

①①: Wavelength

03 - 1030nm

SS - Specify

④: Lens Type

G - Grin lens

C - C lens

⑦⑦: Fiber Jacket

B - 250um Bare Fiber

L - 900um Loose Tube

S - Specify

②: Pigtail Type

S - Single Fiber

D - Dual Fiber

⑤: Working Distance

1 - 5mm

S - Specify

⑧: Fiber Length

1.5 - 1.5m

S - Specify

③: Lens Diameter

1 - 1.8mm

S - Specify

⑥⑥: Connector Type

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

⑨: Package Type

1 - Metal Holder

2 - Glass Tube