



1064nm 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	1064
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
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

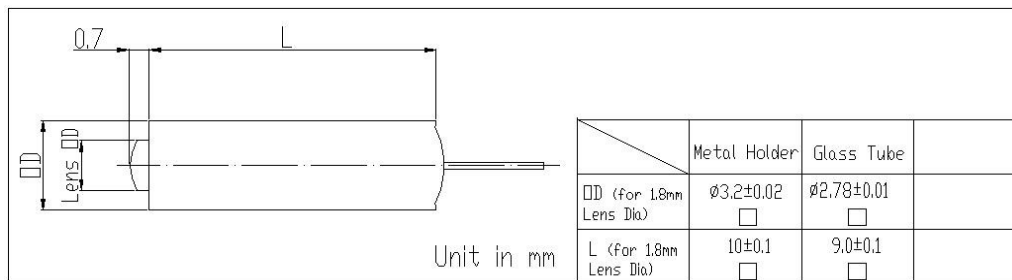
*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.5dB higher, RL will be 5dB lower and ER will be 2dB lower.

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

*The material must be RoHS compliant.

Package Dimensions



Ordering Information

PMC-①-②-③-④-⑤-⑥⑥-⑦⑦-⑧-⑨

①: Wavelength
1064 - 1064nm
S - Specify

②: Pigtail Type
S - Single Fiber
D - Dual Fiber

③: Lens Diameter
1 - 1.8mm
S - Specify

④: Lens Type
G - Grin lens
C - C lens

⑤: Working Distance
5 - 5mm
S - Specify

⑥⑥: Connector Type
1B - FC/UPC
2B - FC/APC(Step)
3D - SC/UPC

4D - SC/APC(Step)
N - None
S - Specify

⑦⑦: Fiber Jacket
B - Bare Fiber
C - 900um Red Loose Tube

⑧: Fiber Type
2B - PM 1310

⑨: Fiber Orientation
I - B - T - D - P - E - H - L
O - O Type

⑩: Fiber Length
0.8 - 0.8m
S - Specify

⑪: Package Dimensions
40 - Ø3.2x10 Metal
50 - Ø2.78x9 Glass

⑫: ER Level
B - ≥23dB

⑬: Nominal Beam Diameter
0.36 - 0.36mm
0.45 - 0.45mm only for C Lens
S - Specify