

1064nm High Power Polarization Maintaining Fiber Collimator



Features

High Handling Power
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	±20
Nominal Beam Diameter	mm	0.4、0.5、0.9 or Specify
Working Distance	mm	50 or Specify
Typ. Insertion Loss at 50mm	dB	0.2~0.4
Max. Insertion Loss at 50mm	dB	0.5
Min. Return Loss	dB	50
Typ. Extinction Ratio	dB	25
Min. Extinction Ratio	dB	22
Max. Optical Power (CW)	W	3、5、10、20 or Specify
Max. Tensile Load	N	5
Operating Temperature	℃	-5 to +70
Storage Temperature	℃	-40 to +85

Package Dimensions

	Lens OD	OD	L	
1	∅1.8 ⁺⁰ _{-0.01}	∅3.2±0.02	10±0.1	<input type="checkbox"/>
2	∅1.8 ⁺⁰ _{-0.01}	∅3.2±0.02	14±0.1	<input type="checkbox"/>
3				<input type="checkbox"/>
4				<input type="checkbox"/>
5				<input type="checkbox"/>
6				<input type="checkbox"/>
7				<input type="checkbox"/>

Unit in mm

Ordering Information

HPMC-①①-②②-③③-④④-⑤⑤-⑥⑥-⑦⑦-⑧⑧

①①: Wavelength

06 - 1064nm
SS - Specify

②②: Beam Diameter

04 - 0.4mm
05 - 0.5mm
09 - 0.9mm
SS - Specify

③③: Working Distance

50 - 50mm
SS - Specify

④④: Fiber Jacket

L - 900um Loose Tube
C - 3mm Loose Cable
A - 3mm Armoured Cable
B - 6mm Armoured Cable
S - Specify

⑤⑤: Handling Power

03 - 3W
05 - 5W
10 - 10W
20 - 20W
SS - Specify

⑥⑥: Fiber Type

1 - PM 980 Panda
2 - PM 10/125 N.A 0.08
3 - PM 15/130 N.A 0.08

⑦⑦: Fiber Length

1.2 - 1.2m
S - Specify

⑧⑧: Package Type

1 - Dia 3.2*10
2 - Dia 3.2*14