

## PM Fiber Collimator 1060nm ~ 1550nm 3W to 20W

### Features

High Handling Power  
 High Extinction Ratio  
 Low Insertion Loss  
 High Return Loss

### Applications

PM Components  
 Research  
 Free Space Communications  
 Fiber Lasers



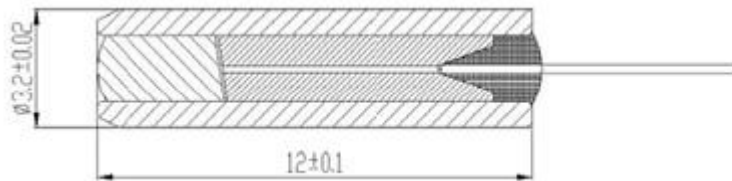
### Performance Specifications

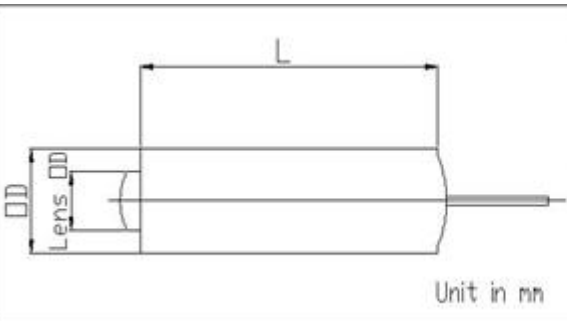
Parameters	Unit	Values
Center Wavelength	nm	1310, 1480 or 1550
Operating Wavelength Range	nm	±20
Nominal Beam Diameter	mm	0.4 、 0.5 or Specify
Working Distance	mm	5 or Specify
Typ. Insertion Loss at 5mm WD	dB	0.2
Max. Insertion Loss at 5mm WD	dB	0.3
Min. Return Loss	dB	50
Max. PDL	dB	0.02
Max. Optical Power (CW)	W	3 、 5、 10、 20 or Specify
Max. Tensile Load	N	5
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

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
Max. PDL	dB	0.02
Max. Optical Power (CW)	W	3, 5, 10, 20 or Specify
Max. Tensile Load	N	5
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

Size



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

Ordering Information

<b>HPMC-①①-②②-③③-④④-⑤⑤-⑥⑥-⑦⑦-⑧⑧</b>		
①①: Wavelength	④④: Fiber Jacket	⑥⑥: Fiber Type
06 - 1064nm	L - 900um Loose Tube	1 - PM 980 P, , anda, ,
other - other	C - 3mm Loose Cable	2 - 10/125 N.A 0.08
	A - 3mm Armoured Cable	3 - 15/130 N.A 0.08
②②: Beam Diameter	B - 6mm Armoured Cable	
04 - 0.4mm	S - Specify	⑦⑦: Fiber Length



05 - 0.5mm		1.2 - 1.2m
09 - 0.9mm	⑤⑤: Handling Power	S - Specify
SS - Specify	03 - 3W	
	05 - 5W	⑧: Package Type
③③: Working Distance	10 - 10W	1 - Dia 3.2*12
05 - 50mm	20 - 20W	
SS - Specify	SS - Specify	