

1064nm High Power Fiber Collimator



Features

High Handling Power
Low Insertion
High Return Loss

Applications

Fiber Optics Components

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
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

Package Dimensions

	Lens ØD	ØD	L	
1	φ1.8 ⁺⁰ _{-0.01}	φ3.2±0.02	10±0.1	<input type="checkbox"/>
2	φ1.8 ⁺⁰ _{-0.01}	φ3.2±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

HC-①①-②②-③③-④④-⑤⑤-⑥⑥-⑦⑦-⑧⑧

①①: Wavelength

98 - 980nm
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 - HI 1060

⑦⑦: Fiber Length

1.5 - 1.5m
S - Specify

⑧⑧: Package Type

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