

1030nm High Power Fiber Collimator



Features

High Handling Power

Low Insertion

High Return Loss

Applications

Fiber Optics Components

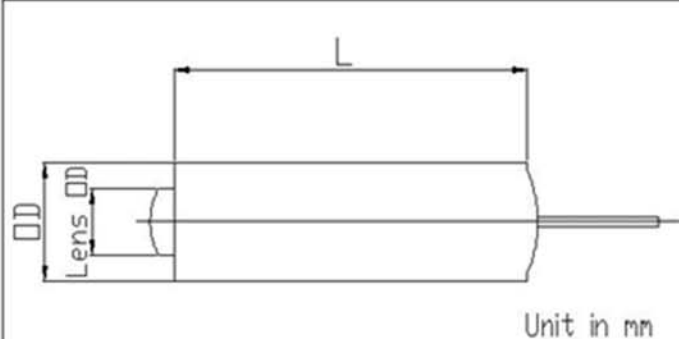
Fiber Lasers

Fiber Amplifiers

Specifications

Parameters	Unit	Values
Center Wavelength	nm	1030
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	℃	-5 to +70
Storage Temperature	℃	-40 to +85

Package Dimensions

		Lens OD	OD	L	
	1	$\phi 1.8^{+0}_{-0.01}$	$\phi 3.2 \pm 0.02$	10 ± 0.1	☐
	2	$\phi 1.8^{+0}_{-0.01}$	$\phi 3.2 \pm 0.02$	14 ± 0.1	☐
	3				☐
	4				☐
	5				☐
	6				☐
	7				☐

Ordering Information

HC-①①-②②-③③-④-⑤⑤-⑥-⑦-⑧

①①: Wavelength

03 - 1030nm

SS - Specify

②②: Beam Diameter

04 - 0.4mm

05 - 0.5mm

09 - 0.9mm

SS - Specify

③③: Working Distance

50 - 50mm

SS - Specify

④: 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

⑥: Fiber Type

1 - HI 1060 Fiber

⑦: Fiber Length

1.5 - 1.5m

S - Specify

⑧: Package Type

1 - Dia 3.2*10

2 - Dia 3.2*14