

1064nm Large Beam Collimator BD 5mm



Features

- Low Insertion Loss
- High Power Handling
- High Stability and Reliability

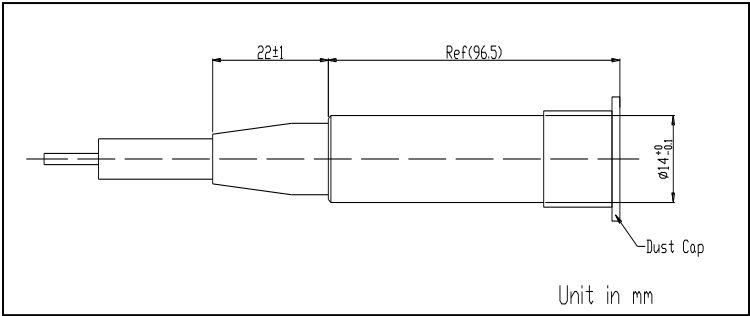
Applications

- Fiber Laser
- Fiber Amplifier
- Testing Equipment

Specifications

Parameters	Unit	Values
Operating Wavelength	nm	1064
Operating Wavelength Range	nm	±20
Nominal Output Beam Diameter(1/e^2)	mm	5.0+/-0.5 @ over 5~1000mm from Output Surface
Typ. Transmission	--	95%
Transmission	--	≥92%
Return Loss	dB	≥50
PDL	dB	≤0.2
Optical Power (CW)	W	10, 20, 50 or Specify
Optical Power (pulse)	kW	10 @ 10ns
Nominal Beam Pointing Accuracy	deg	0.5
Max Beam Divergence Angle (Full Angle)	mrاد	0.5
Min. Ellipticity	--	0.92
Outer Package Material		Stainless Steel & Aluminum
Operating Temperature	°C	-5 ~ +70
Storage Temperature	°C	-40 ~ +85

Package Dimensions



Ordering Information

LBC- ①①①①-②②②-③③-④-⑤⑤⑤⑤⑤⑤⑤⑤-⑥⑥⑥-⑦⑦⑦-

①	Wavelength	1064=1064nm; 1083=1083nm; ...
②	Beam Diameter	BD4=4mm Beam Diameter; BD5=5mm Beam Diameter; ...
③	Pigtail Type	A3=3mm Armoured Cable; A6=6mm Armoured Cable;
④	Package Material	S=Stainless Steel; A=Aluminum;
⑤	Fiber Type	HI 1060;
⑥	Length	2.5=2.5m includes 2.3m Armoured Cable, 0.1m 1.8mm&0.9mm Loose Tube, 0.1m 250um Fibe
⑦	Handling Power	10W; 20W; 50W