High Power Single Mode Collimator, 1064/1310/1550nm

| Rev B | 2026-11 | 1-20W

Features

- Low Insertion Loss & PDL
- High Power
- High Reliability

Applications

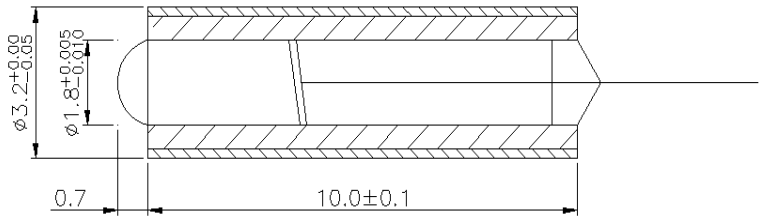
- EDFA
- Fiber Optical Instrument
- Fiber Laser

Specifications

Parameters	Unit	Value	
Center Wavelength	nm	1310 or 1550	1064
Operating Wavelength Range	nm	±20	
Beam Diameter	mm	0.4, 0.5	0.4, 0.5, 0.9
Working Distance	mm	5 or Specify	50 or Specify
Typ. Insertion Loss	dB	0.2	0.2~0.4
Insertion Loss	dB	≤0.3	≤0.5
Return Loss	dB	≥50	
PDL	dB	≤0.02	
Optical Power (CW)	W	1, 3, 5, 10, 20	
Fiber Type	--	SMF-28e	HI1060
Operating Temperature	℃	-5 to +70	
Storage Temperature	℃	-40 to +85	
Package Dimension	mm	φ3.2x10	

Package Dimensions





Ordering Information

HPCL- ①①①①-②②②-③-④④④-⑤-⑥-⑦

①	Wavelength	1064; 1310; 1550;
②	Beam Diameter	0.4=0.4mm; 0.5=0.5mm; 0.9=0.9mm;
③	Working Distance	5=5mm; 50=50mm; X=Specify;
④	Pigtail Type	250=250μm Fiber; 900=900μm Tube; 3000=3mm Tube; 3000A=3mm Armoured Tube;
⑤	Fiber Type	1=SMF-28e; 4=HI1060;
⑥	Length	1=1m; X=Specify;
⑦	Power	1=1W; 2=2W; 20=20W; X=Specify;