High power PM collimator (1-20W) (HPPMCL)

| Rev B | 2026-11

Features

- Low Insertion Loss
- High Extinction Ratio & Return Loss
- High reliability

Applications

- Fiber Optical Instrument
- Fiber Laser

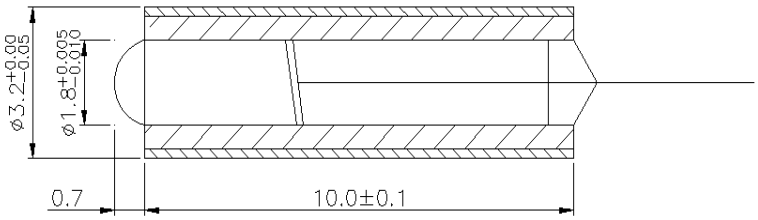
RoHS Reach

Specifications

Parameters	Unit	Values	
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	0.4
Insertion Loss	dB	≤0.3	≤0.5
Return Loss	dB	≥50	
Extinction Ratio	dB	≥23	
Optical Power (CW)	W	1,3 ,5,10, 20	
Fiber Type	-	PM 1310, PM 1550	PM 980
Operating Temperature	℃	-5 to +70	
Storage Temperature	℃	-40 to +85	
Package Dimension	mm	φ3.2x10	

Package Information





Ordering Information

HPPMCL- ①①①①-②②②-③-④④④-⑤⑤⑤-⑥-⑦

①	Wavelength	1064; 1310; 1550;
②	Beam Diameter	0.4=0.4mm; 0.5=0.5mm; 0.9=0.9mm;
③	Working Distance	5=mm; 50=50mm; X=Other;
④	Pigtail Type	250=250μm Bare Fiber; 900=900μm Loose Tube; 3000=3mm Loose Tube; 3000A=3mm Armored Loose Tube;
⑤	Fiber Type	P13=PM 1310; P15=PM 1550; P98=PM 980;
⑥	Length	1=1m;
⑦	Power	1=1W; 2=2W; 20=20W; X=Specify;