High Power SM/PM Isolator 633, 680nm

Features

- Low Insertion Loss
- High Extinction Ratio and High Isolation
- High Stability and Reliability

Applications

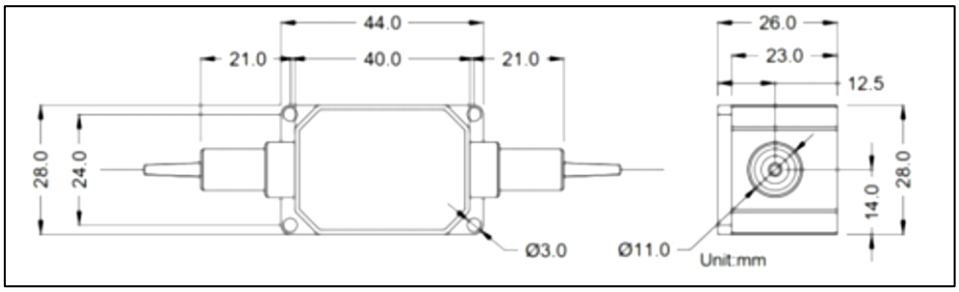
- Fiber Laser
- Fiber Optical Instrument
- Fiber Sensor

Specifications

Parameters	Unit	Non-PM Fiber Isolator (HPIS)	PM Fiber Isolator (HPMIS)
Center Wavelength	nm	633, 680	
Bandwidth	nm	±5	
Isolation at 23℃	dB	≥23 (Typ. 25)	
Insertion Loss at 23°C	dB	≤1.3 (Typ. 0.9)	
PDL	dB	≤0.2	---
Extinction Ratio	dB	---	≥15
Return Loss	dB	≥50/50	
Fiber Type	--	630HP or HI780 or Specify	PM780 or Specify
Max Optical Power (CW)	W	1 or Specify	
Operating Temperature	℃	-5 ~ +50	
Storage Temperature	℃	-20 ~ +75	

*For devices with connectors, IL+0.3dB, RL-5dB, ER-2dB and optical power will be only 1W CW.

*The PM fiber and the connector key are aligned to the slow axis.



Ordering Information

HPIS- ①①①-②-③③③-④④④-⑤-⑥⑥-⑦⑦-⑧⑧⑧⑧⑧⑧⑧⑧

HPMIS-

①	Wavelength	633; 680;
②	Axis Alignment	F=Fast Axis Blocked; B=Both Axis Working;
③	Pigtail Type	250=250um Fiber; 900=900um Loose Tube; 3000=3mm Cable;
④	Fiber Type	H63=630HP; 7=HI780; P78=PM780;
⑤	Length	1=1m;
⑥	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;
⑦	Connector	1W;
⑧	Package size	40x28x26;