

## 1064nm High Power Polarization Independent Isolator

### Features

- High isolation & High return loss
- Low insertion loss
- High stability and reliability

### Application

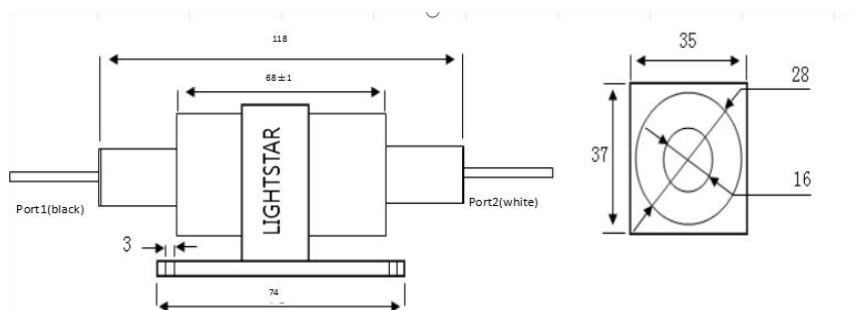
- Fiber laser
- EDFA & Optical fiber amplifier
- Optical laboratory & Optical fiber sensing

### Specifications

Parameter	Value	
Central wavelength (nm)	1080, 1064, 1053, 1040, 1030	
Bandwidth (nm)	±10	
Insertion loss @ 23°C	≤1.0 (typ. 0.7)	
Peak Isolation (dB)	32~40	
Isolation 23°C (dB)	≥25	
Extinction ratio 23°C (dB)	Type B (Both axis working)	≥20
	Type F/S (Fast axis blocked)	≥22
Return loss (Input/output) (dB)	≥50/50	
Power (W)	0.3, 0.5, 1, 2, 3, 5 or specify	
Fiber type	PM980 fiber	
Operating temperature (°C)	0 ~ +65	
Storage temperature (°C)	-20 ~ +85	
Package dimensions (mm)	118*37*35	

When using the Connector, the processing power is only 1W, the Insertion loss is 0.3dB higher, the return loss is 5dB lower, and the extinction ratio is 2dB lower. The Connector key is aligned with the slow axis.

### Package dimensions



### Ordering information

HPMIS-①①①①-②②-③-④④④-⑤-⑥-⑦-⑧

①①①①: Wavelength  
1030=1030nm  
1064=1064nm  
SSSS=Specify

②②: Power  
00=300mW  
05=5W  
SS=Specify

③: Working axis  
B=Biaxial operation  
F=Fast axle cutoff

④④④: Fiber type  
003=PM980  
SSS=Specify

⑤: Package dimensions  
6= 118\*37\*35mm  
S=Specify

⑥: Pigtail type  
1=250um bare fiber  
2=900um loose tube  
S=Specify

⑦: Length  
H=0.5m  
1= 1.0m  
S=Specify

⑧: Connector  
0=None  
1=FC/UPC  
2=FC/APC  
S=Specify