

1064nm High Power Polarization Independent Isolator

Features

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

Application

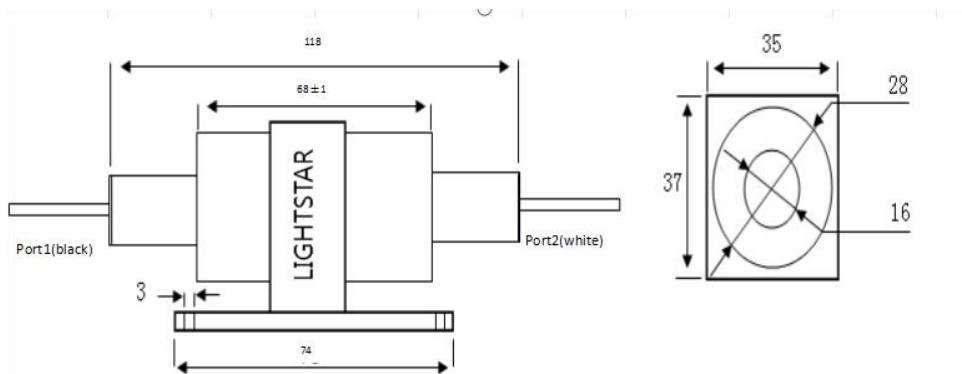
Fiber laser
 EDFA & Optical fiber amplifier
 Optical laboratory

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 ratio23°C (dB)	Type B (Both axis working)	≥20
	Type F (Fast axis blocked)	≥22
Return loss(Input/output) (dB)	≥50/50	
Power CW (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 | ②②Power
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 |