

## 1064nm High Power Polarization Independent Isolator(1-20W)

### Features

- Low insertion loss
- High return loss and Isolation
- Excellent environmental stability

### Application

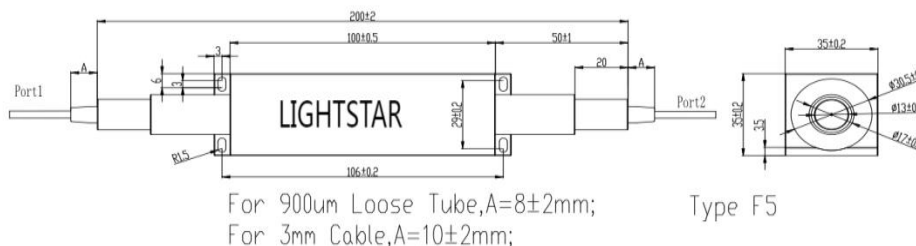
- Fiber laser&Optical fiber amplifier
- Optical instrument&Laser communication
- Test instrument&Optical fiber sensing

### Specifications

Parameter	Unit	Value
Central wavelength( $\lambda_c$ )	nm	1064 or Specify
Bandwidth	nm	$\pm 10$
Isolation 23°C	dB	45
Typical insertion loss	dB	1.3
Maximum insertion loss 23°C	dB	1.6
Return loss(Port1/Port2)	dB	50/50
Maximum polarization dependent loss 23°C	dB	0.15
Power(CW)	W	1, 10, 20 or specify
Maximum tensile load	N	5
Fiber type		LMA-GSF-10/125-M, NA0.075 Fiber on Input LMA-GDF-10/125-M, NA0.075 Fiber on Output
Operating temperature	°C	0 to +50
Storage temperature	°C	-20 to +75

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

HPIIS-①①①①-②②-③③③-④-⑤-⑥

①①①①: Wavelength  
1064=1064nm  
SSSS=Specify

②②: Power  
01= 1W  
20= 20W  
SS=Specify

③③③: Fiber type  
017=LMA-GSF-10/125-M  
019=LMA-GDF-10/125-M  
SSS=Specify

④: Pigtail type  
1=250um bare fiber  
2=900um loose tube  
S=Specify

⑤: Length  
H=0.5m  
1= 1.0m  
S=Specify

⑥: Connector  
0=None  
1=FC/UPC  
2=FC/APC  
S=Specify