

## 1064nm High Power Polarization Independent Isolator(200W)

### Features

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

### Application

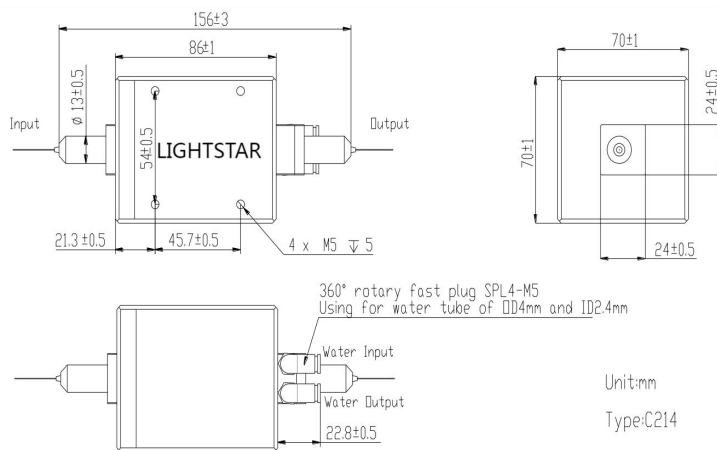
- Pulse fiber laser
- Optical fiber amplifier
- Optical fiber sensing

### Specifications

Parameter	Unit	Value
Central wavelength	nm	1064
Bandwidth	nm	±5
Peak isolation	dB	32
Isolation 23 °C	dB	28
Insertion loss 23 °C	dB	0.3
Maximum insertion loss 23 °C	dB	0.45
Return loss (Input/Output)	dB	45/45
Polarization dependent loss	dB	0.2
Maximum insertion loss @ 635 nm	dB	7
Average power	W	200
Peak power	kW	150
Maximum tensile load	N	5
Fiber type	Input optical	CJ-GDF-100/400/550-NA0.12
	Output optical	CJ-GDF-100/400/550-NA0.12
Operating temperature	°C	10 to +50
Storage temperature	°C	0 to +70

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-①①①①-②②-③③③③-④-⑤-⑥

①①①①: Wavelength  
1064=1064nm  
SSSS=Specify

②②: Power  
BB= 200W

③③③③: Fiber type  
123=CJ-GDF-100/400/550  
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