Polarization-Insensitive High-Power Isolator (1064 nm, up to 2W)

FEATURES

- ✓ Polarization-Insensitive
- ✓ Low Insertion Loss
- ✓ High Isolation and Return Loss
- ✓ High Reliability and Stability

APPLICATIONS

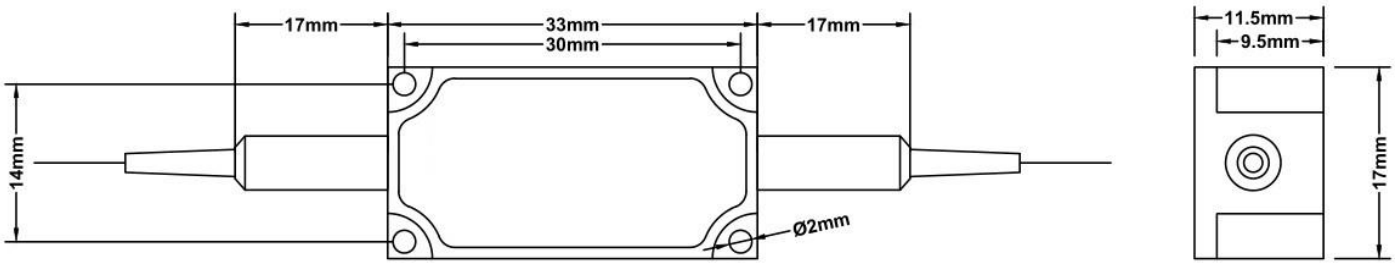
- ➢ Fiber Amplifier
- ➢ Fiber Laser
- ➢ Testing Instruments
- ➢ Mopa Fiber Laser

Specifications of Polarization-Insensitive High-Power Isolator (1064 nm)	
Center Wavelength (nm)	1064
Operating Wavelength Range (nm)	±5
Typ. Peak Isolation at 23℃ (dB)	35
Min. Isolation at 23℃ (dB)	28
Max. Insertion Loss at 23℃ (dB)	1.7
Max. Insertion Loss at 23℃ and Input Power 300 mW (dB)	2.0
Max. Insertion Loss at 23℃ and Input Power 1 W (dB)	2.5
Max. Insertion Loss at 23℃ and Input Power 2 W (dB)	3.0
Max. Polarization Dependent Loss at 23℃ (dB)	0.2
Min. Return Loss (Input /Output) (dB)	45
Max. Average Optical Power (W)	2
Max. Peak Power for ns Pulse (kW)	10
Max. Tensile Load (N)	5
Operating Temperature (°C)	+10 to +50
Storage Temperature (°C)	0 to +60

Note:

1. The polarization-insensitive high-power isolator (1064 nm) is customizable, and the above specifications are subject to change without notice.
2. For device with connectors, IL is 0.3dB higher, RL is 5.0dB lower.
3. Bare fiber should not support the weight of the connector. So that if you need any connectors, it's better to choose the 900μm loose tube jacket instead of the 250μm bare fiber.
4. For product customization, please contact our sales department for availability.

Package Dimensions



Ordering Information for Polarization-Insensitive High-Power Isolator (1064 nm)							
Wavelength	**Fiber Type**	**Package Dimension**	**Pigtail Type**	**Fiber Length**	**Connectors**	**Average Power**	**Peak Power**
1064nm	HI1060	33x17x11.5 mm	250μm bare fiber	0.5 Meter	None	1W	10kW
	SMF-28e	Specified	900μm loose tube	0.8 Meter	FC/UPC	2W	20kW
				1.0 Meter	FC/APC		
				Specified	SC/UPC		
					SC/APC		
					LC/UPC		
					LC/APC		
					Others		