

## 1064 nm Polarization Insensitive High Power Isolator

Model #: HPI

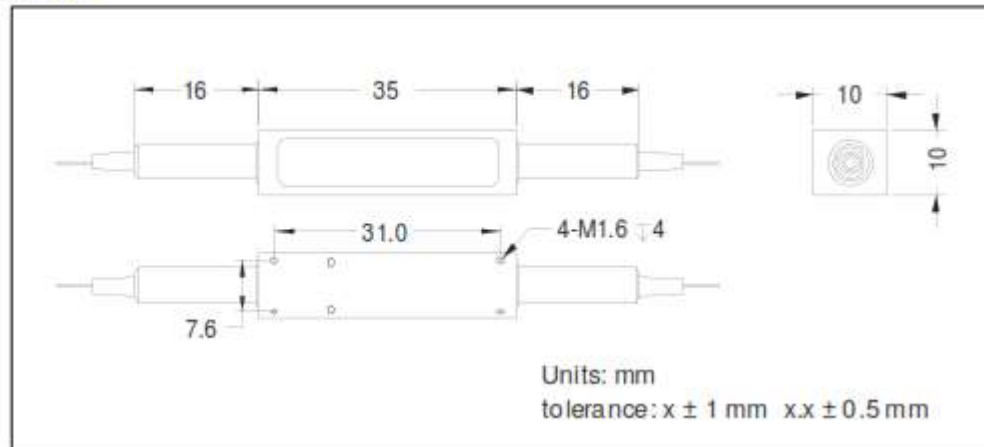
Description: 1064 nm Polarization Insensitive High Power Isolator

Application: Fiber amplifier, fiber laser.

Specifications:

Parameter	Unit	Specifications
Central Wavelength	nm	1064
Typ. Peak Isolation	dB	35
Min. Isolation ( $\lambda_c$ , 23°C, all polarization states)	dB	28
Typ. Insertion Loss ( $\lambda_c$ , 23°C)	dB	1.7
Max. Insertion Loss ( $\lambda_c$ , 23°C)	dB	2.0
Max. Insertion Loss ( $\lambda_c$ , 23°C, 1W input)	dB	2.5
Max. Insertion Loss ( $\lambda_c$ , 23°C, 2W input)		3.0
Min. Return Loss (input / output)	dB	50/50
Max. Polarization Dependent Loss (23 °C)	dB	0.2
Max. Peak Power for ns Pulses	kW	10
Max. Tensile Load	N	5
Operating Temperature	°C	-5 to +40
Storage Temperature	°C	-40 to + 85
Dimension	mm	10 (W) x 10 (H) x 31 (L)

### Package Dimensions



### Ordering Information:

Single Stage: HPI-AA-BB-C-D-E-F-G

AA: wavelength	BB: power handling	C: connector type	D: fiber jacket	E: fiber type	F: fiber length	G: power type
06 - 1064 nm	01: 1 W	N – none	B - 250 $\mu$ m Panda fiber	1 – HI1060	1 – 1.0 m	P - Pulsed
XX - Other	02: 2 W		L - 900 $\mu$ m loss tube	2 – FUD-3584	X - other	C - CW
	XX: other		X - other			