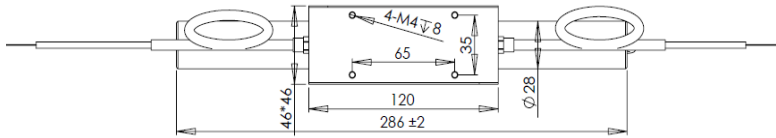
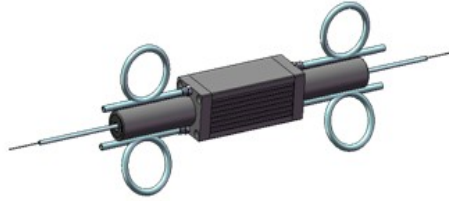


## High Power Polarization Independent Optical Isolator 1064nm

The 1064nm High Power Polarization Independent (Polarization Insensitive) Optical Fiber Isolator is an in-line pigtailed micro-optic component allows light to be transmitted only in the forward direction while blocking the backward transmission. It features high isolation, low insertion loss and high power handling. The optical isolators are commonly used to protect lasers against back-reflected light.



### Features

- High Isolation
- Low Insertion Loss
- High Power Handling

### Applications

- Fiber Laser
- Lab & Research

### Performance Specification

Parameter	Value	Unit
Center Wavelength	1064, 1080 or customized	nm
Bandwidth	±10	nm
Typ. Insertion Loss at 23°C	0.8	dB
Max. Insertion Loss at 23°C	1.2	dB
Typ. Peak Isolation	36	dB
Min. Isolation at 23°C	25	dB
Max. PDL at 23°C	0.2	dB
Min. Return Loss	50	dB
Max. Optical Power (CW)	50, 100, 150	W
Max. Peak Power for pulse	100, 200	kW
Max. Tensile Load	5	N
Fiber Type	20/400 DCF or customized	
Operating Temperature	0 to +50	°C
Storage Temperature	-20 to +75	°C
Package Dimension		mm

### Note

\* For higher power applications, pls discuss with OF-LINK.

### Ordering Information

#### HPII-AAAA-BB-C-DD-EE-FF

AAAA	BB	C	DD	EE	FF
Wavelength	Fiber Type	Fiber Jacket	Fiber Length	Connector	Power
1064 - 1064nm	20 - 20/400 DC Fiber	L - 900um Bare	05 - 0.5m	NE - None	050 - 50W
1080 - 1080nm	SS - Specify	Fiber	08 - 0.8m		100 - 100W
SSSS - Specify		C - 3mm Loose Tube	10 - 1.0m		150 - 150W
			15 - 1.5m		SSS - Specify
			SS - Specify		