

# 2W Optical Isolator

## 1064nm

### Features

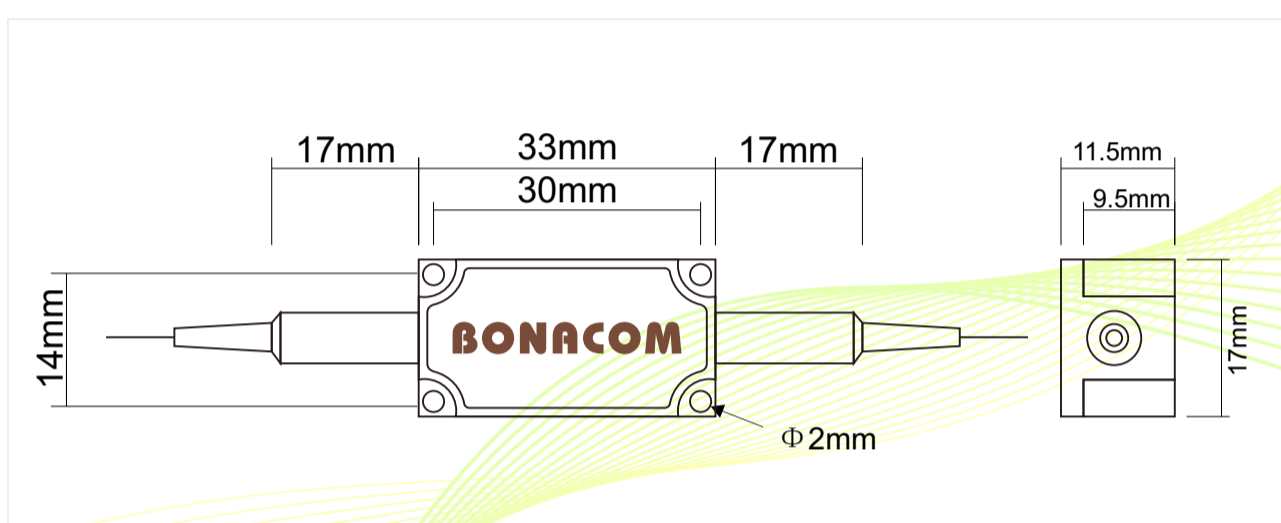
- Low Insertion Loss
- High Return Loss
- High Isolation
- High Stability & Reliability

### Applications

- Fiber Amplifier
- Testing Instrument
- Mopa Fiber Laser
- Fiber Laser



### Package Dimensions



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Bonacom reserves the right to change any specifications without prior notice.

BN-CG-IS-19-2

### Specifications

Parameter	Unit	Value
Center Wavelength	nm	1064
Operating Wavelength Range	nm	±5
Typ. Peak Isolation at 23°C	dB	35
Min. Isolation at 23°C	dB	28
Max. Insertion Loss at 23°C	dB	1.7
Max. Insertion Loss at 23°C and Input Power 300 mW	dB	2.0
Max. Insertion Loss at 23°C and Input Power 1 W	dB	2.5
Max. Insertion Loss at 23°C and Input Power 2 W	dB	3.0
Min. Extinction Ratio at 23°C, only for PM	dB	20
Max. Polarization Dependent Loss at 23°C, only for non-PM	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

With connectors, the handling power will be only 1W, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower.

### Ordering Information

HPMIS/HPIIS-1111-2-333-456-77-8899

1111	-Center Wavelength:	1064=1064nm
2	-Axis Alignment:	F=Slow axis working, Fast axis blocked, B=Both axis working, N=Non PM
333	-Fiber Type:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
4	-Package Dimension:	0=33x17x11.5mm, S=Specified
5	-Pigtail Type:	0=250µm bare fiber, 1=900µm loose tube
6	-Fiber Length:	0=0.8m, 1=1m
77	-Connector for In, Out:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC, N=None
88	-Average Power:	01=1W, 02=2W
99	-Peak Power:	10=10kW, 20=20kW

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