

Polarization Maintaining Isolator

1030nm

Features

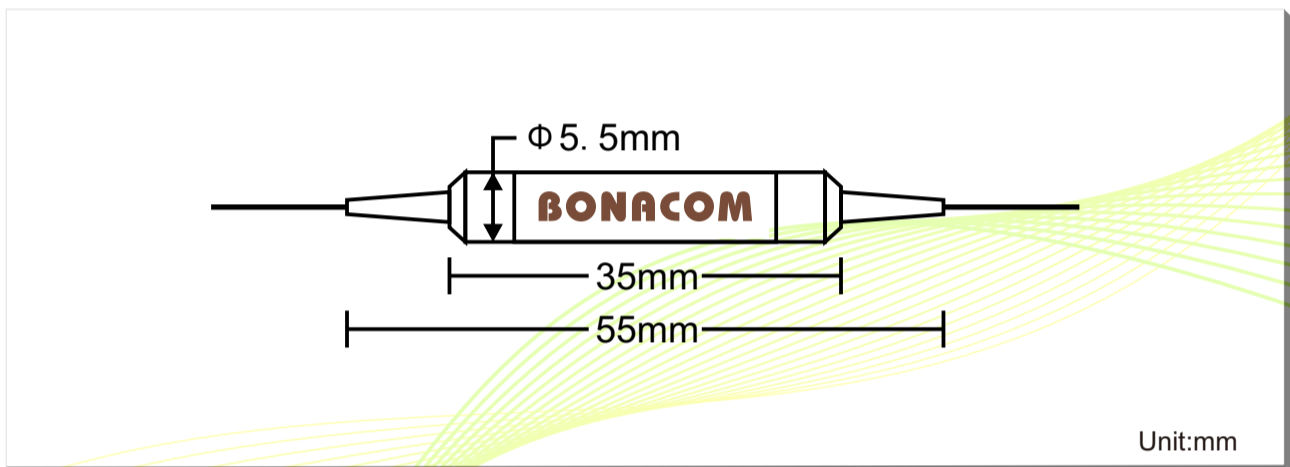
- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- High Isolation
- High Stability & Reliability

Applications

- Communication Systems
- Test Instrumentations
- Fiber Sensor
- Research



◆ Package Dimensions



Address: 2F,DF Industrial Park,Shanghenglang Community,Dalang,Longhua New District,Shenzhen,P.R.C.518109.
www.bonaphotonics.com sales@bonaphotonics.com Tel:+0755-21035679

December 2019

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

BN-CG-IS-19-2

◆ Specifications

Parameter	Unit	Value
Stage	-	Single
Center Wavelength	nm	1030
Operating Wavelength Range	nm	±5
Typ. Peak Isolation at 23°C	dB	35
Min. Isolation at 23°C	dB	20
Typ.Insertion Loss at 23°C	dB	3.2
Max.Insertion Loss at 23°C	dB	3.8
Min.Extinction Ratio(only for B type)	dB	20
Min.Extinction Ratio(only for F type)	dB	22
Min.Return Loss (input/output)	dB	50/50
Max.Optical Power(CW)	mW	50
Max.Tensile Load	N	5
Fiber Type	-	PM Panda Fiber
Operating Temperature	°C	-5~+70
Storage Temperature	°C	-40~+85

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower;
 The default connector key is aligned to slow axis;

◆ Ordering Information

PMIS-1111-2345-66

1111	-Center wavelength:	1030=1030nm,
2	-Stage:	S=Single-core stage,
3	-Axis alignment	F=Slow axis working Fast axis blocked, B=Both of axis working
4	-Pigtail type:	0=250 bare fiber, 1=900um loose tube, 2=2.0mm loose tube, 3=3.0 loose tube
5	-Fiber length:	0=0.8m,1=1m
66	-Connector type:	0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC

Address: 2F,DF Industrial Park,Shanghenglang Community,Dalang,Longhua New District,Shenzhen,P.R.C.518109.
www.bonaphotonics.com sales@bonaphotonics.com Tel:+0755-21035679

December 2019

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

BN-CG-IS-19-2