

Mini PM Isolator

1310nm, 1550nm

Features

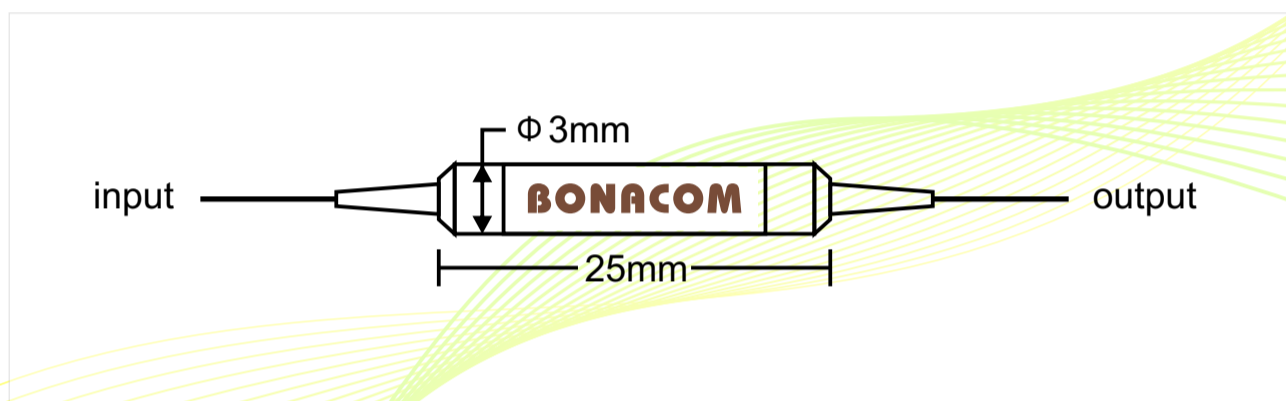
- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- High Isolation
- High Stability & Reliability

Applications

- Communication Systems
- Test Instrument
- Fiber Sensor
- Research



◆ Package Dimensions



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

BN-CG-IS-19-2

◆ Specifications

Parameter	Unit	Value			
Stage	-	Single		Dual	
Grade	-	P	A	P	A
Center Wavelength	nm	1310 or 1550			
Operating Wavelength Range	nm	±20			
Typ. Peak Isolation at 23°C	dB	40	38	55	50
Min. Isolation at 23°C	dB	28	26	48	45
Typ. Insertion Loss at 23°C	dB	0.5	0.6	0.6	0.7
Max. Insertion Loss at 23°C	dB	0.7	0.8	0.80	0.9
Min. Extinction Ratio at 23°C(only for B type)	dB	20	18	20	18
Min. Extinction Ratio at 23°C(only for F type)	dB	25	23	25	23
Min. Return Loss (input/output)	dB	50/50			
Max. Optical Power(CW)	mW	300			
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

MNPMIS-1111-234-555-67-88

1111	-Center Wavelength:	1550=1550nm, 1310=1310nm.....
2	-Grade:	P=P grade, A=A grade
3	-Stage:	S=Single-core stage, D=Dual-core stage
4	-Axis Alignment:	F=Slow axis working, Fast axis blocked, B=Both of axis working
555	-Fiber Type:	001=PM1550, 002=PM1310,
6	-Pigtail Type:	0=250µm bare fiber, 1=900µm loose tube
7	-Fiber Length:	0=0.8m,1=1m
88	-Connector Type:	0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC

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