

PM Hybrid Isolator + Bandpass Filter 1030nm

Features

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

Applications

- Communication Systems
- Test Instruments
- 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
Center Wavelength	nm	1030
Pass Band Width	nm	2
Min. Stop Bandwidth(@-25dB)	nm	6
Typ. Peak Isolation	dB	40
Min. Isolation at 23°C	dB	32
Typ. Insertion Loss at 23°C	dB	1.7
Max. Insertion Loss at 23°C	dB	2.0
Min. Return Loss (input/output)	dB	50/50
Min. Extinction Ratio at 23°C(only for B type)	dB	20
Min. Extinction Ratio at 23°C(only for F type)	dB	22
Max. Optical Power(CW)	mW	50
Max. Tensile Load	N	5
Fiber Type	-	PM Panda fiber
Operating Temperature	°C	-5~+50
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

PMISBH-1111-234-55

1111	-Center Wavelength:	1030=1030nm
2	-Axis Alignment:	F=Slow axis working, Fast axis blocked, B=Both of axis working
3	-Pigtail Type:	0=250μm bare fiber, 1=900μm loose tube
4	-Fiber Length:	0=0.8m,1=1m
55	-Connector Type:	0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC

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