

2μm In-line Polarizer

Features

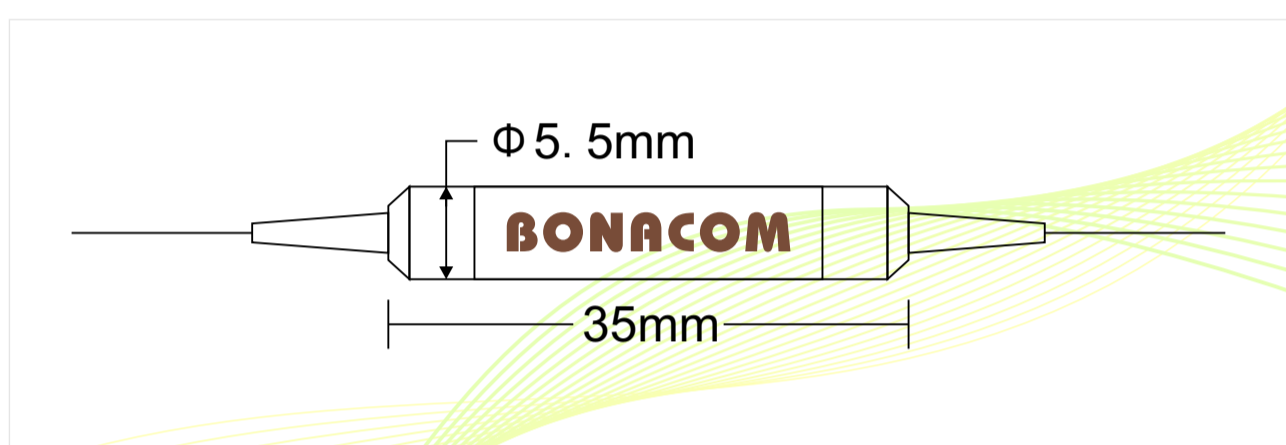
- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- High Reliability
- High Stability

Applications

- Communication Systems
- Test Instrument
- Fiber Sensor
- Research



◆ Package Dimensions



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BN-CG-IS-19-2

◆ Specifications

Parameter	Unit	Value
Center Wavelength	nm	2000
Operating Wavelength Range	nm	±30
Typ. Insertion Loss at 23°C	dB	0.8
Max. Insertion Loss at 23°C	dB	1.0
Min. Return Loss	dB	50
Typ. Extinction Ratio at 23°C	dB	22
Min. Extinction Ratio at 23°C	dB	20
Max. Optical Power(CW)	mW	300
Max. Tensile Load	N	5
Fiber Type	-	SMF-28E or PM 1550
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

ILP-1111-23-444-555-678-99

1111	-Center Wavelength:	2000=2000nm
2	-Fiber Type Option:	1=SM-SM, 2=SM-PM, 3=PM-PM
3	-Axis Alignment for PM:	F=Slow axis working, Fast axis blocked, S=Specified
444	-Fiber Type for Input:	001=PM1550, 008=SMF-28E, 045=Nufern PM1950, 046=Nufern SM1950
555	-Fiber Type for Output:	001=PM1550, 008=SMF-28E, 045=Nufern PM1950, 046=Nufern SM1950
6	-Package Dimension:	0=φ5.5x35mm, 1=φ5.5x50mm, S=Specified
7	-Pigtail Type:	0=250μm bare fiber, 1=900μm loose tube
8	-Fiber Length:	0=0.8m,1=1m, S=Specified
99	-Connector for In & Out:	0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC, N=None

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