

In-line Polarizer

Features

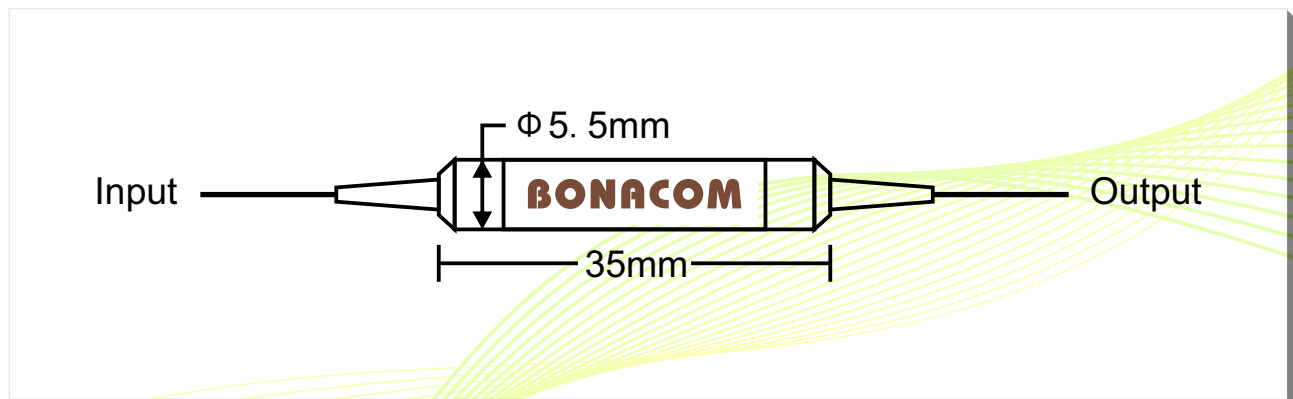
- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- High Reliability
- High Stability

Applications

- Communication Systems
- Test Instrument
- Fiber Sensor
- Research



◆ Package Dimensions



◆ Specifications

Parameter	Unit	Value				
Center Wavelength	nm	1550	1310	1064	980	850
Operating Wavelength Range	nm	±50	±50	±30	±10	±10
Typ. Insertion Loss at 23°C	dB	0.3	0.3	0.4	0.7	0.8
Max. Insertion Loss at 23°C	dB	0.5	0.5	0.6	0.9	1.0
Min. Return Loss	dB	50	50	50	50	50
Typ. Extinction Ratio at 23°C	dB	30	30	30	28	28
Min. Extinction Ratio at 23°C	dB	28	28	28	25	25
Fiber Type for Input & Output	/	SM-SM or SM-PM or PM to PM				
Max. Optical Power(CW)	mW	300				
Max. Tensile Load	N	5				
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-1111-23-444-555-678-9A](tel:1111-23-444-555-678-9A)

1111	-Center Wavelength:	1550=1550nm,1310=1310nm,.....,0850=850nm
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, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
555	-Fiber Type for Output:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
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
9	-Connector Type for Input:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC, N=None
A	-Connector Type for Output:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC, N=None