

Bandpass Filter

High Power 1550nm

Features

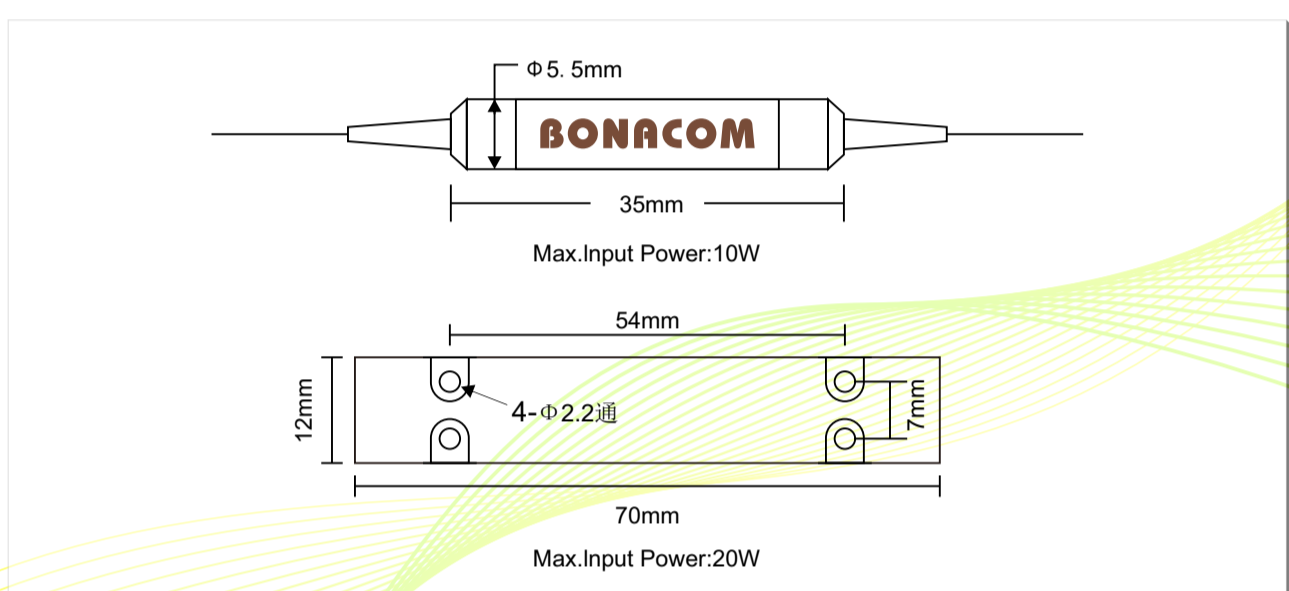
- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- High Reliability & Stability

Applications

- Fiber Laser
- Test Instrument
- Fiber Sensor
- EDFA



Package Dimensions



Address: 2F,DF Industrial Park,Shanghenglang Community,Dalang,Longhua New District,Shenzhen,P.R.C.518109.
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Bonacom Technology reserves the right to change any specifications without prior notice.

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Specifications

Parameter	Unit	Value			
Center Wavelength	nm	1550			
Min. Pass Band Width (@-0.5dB)	nm	2	5	10	15
Max. Insertion Loss of Pass band	dB	0.8	0.8	0.8	0.8
Max. Stop Bandwidth (@-25dB)	nm	10	10	25	25
Min. Extinction Ratio at 23°C, only for PM	dB	20			
Max. Polarization Dependent Loss at 23°C, only for non-PM	dB	0.15			
Min. Return loss	dB	50			
Max. Power Handling (CW)	W	30 or Specified			
Max. Peak Power for ns Pulse	kW	10, 20 or Specified			
Max. Tensile Load	N	5			
Operating Temperature	°C	0 ~ +65			
Storage Temperature	°C	-40 ~ +85			

With connectors, the handing power will be only 1W, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower.
The default connector key is aligned to slow axis.

Ordering Information

PMBPF/PIBPF-1111-223-444-567-88-99AA

1111	-Center Wavelength:	1550=1550nm,
22	-Band Width:	02=2nm, 05=5nm, 10=10nm, 15=15nm
3	-Axis Alignment:	F=Slow axis working, Fast axis blocked, B=Both of axis working, N=Non-PM
444	-Fiber Type:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
5	-Package Dimension:	0=φ5.5x35mm, 1=70x12x8, S=Specified
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
99	-Average Power:	00=500mW, 01=1W,....., 30=30W
AA	-Peak Power:	10=10kW, 20=20kW

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