

### 1550nm PM Bandpass Filter

#### Features

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

#### Applications

- Fiber Laser
- Test Instrument
- Fiber Sensor
- EDFA

#### Specifications

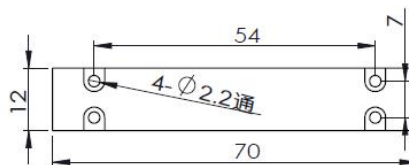
Parameter	Unit	Value			
Operating Wavelength	nm	1550			
Min. Extinction Ratio at 23°C, only for PM	dB	20			
Min. Return loss	dB	50			
Max. Power Handling (CW)	W	30			
Max. Pulsed Power	kW	10,20 or Specified			
Max. Tensile Load	N	5			
Operating Temperature	°C	0 ~ +65			
Storage Temperature	°C	-40 ~ +85			
Pass Band Width	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

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.

#### Package Dimensions



Max. Input Power:10W



Max. Input Power:20W

#### Ordering Information

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

1550	-Center Wavelength:	1550=1550nm
22	-Band Width:	02=2nm, 05=5nm, 10=10nm, 15=15nm
3	-Alignment Type:	F=Slow axis working, Fast axis blocked, B=Both axis working
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