# 1064nm Bandpass Filter

## Features

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

## Applications

- Fiber Laser
- Test Instrument
- Fiber Sensor
- EDFA

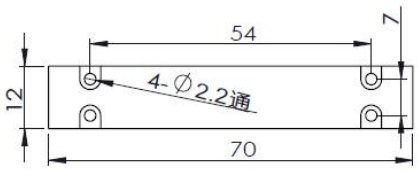
## Specifications

| Parameter | Unit | Value | | |
|---|---|---|---|---|
| Operating Wavelength | nm | 1064 | | |
| Max. Polarization Dependent Loss at 23℃ | dB | 20 | | |
| Min. Return loss | dB | 50 | | |
| Max. Power Handling (CW) | W | 20 | | |
| Max. Pulsed Power | kW | 10,or Specified | | |
| Max. Tensile Load | N | 5 | | |
| Operating Temperature | ℃ | 0 ~ +65 | | |
| Storage Temperature | ℃ | -40 ~ +85 | | |
| Pass Band Width | nm | 2 | 5 | 8 |
| Max. Insertion Loss of Pass band | dB | 0.8 | 0.8 | 0.8 |
| Max. Stop Bandwidth (@-25dB) | nm | 10 | 10 | 20 |

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

BPF-1111-22-333-456-77-8899

| | | |
|---|---|---|
| 1064 | -Center Wavelength: | 1064=1064nm |
| 22 | -Band Width: | 02=2nm, 05=5nm, 08=08nm, 10=10nm |
| 333 | -Fiber Type: | 001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E |
| 4 | -Package Dimension： | 0=φ5.5x35mm, 1=70x12x8, S=Specified |
| 5 | -Pigtail Type: | 0=250μm bare fiber, 1=900μm loose tube |
| 6 | -Fiber Length: | 0=0.8m,1=1m |
| 77 | -Connector Type: | 0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC |
| 88 | -Average Power: | 00=500mW, 01=1W,....., 30=30W |
| 99 | -Peak Power: | 10=10kW, 20=20kW |