

# Bandpass Filter



## Features

High Isolation  
High Extinction Ratio  
High Return Loss  
Excellent Environmental Stability

## Applications

Fiber Lasers  
Fiber Amplifiers  
Research

## Specifications

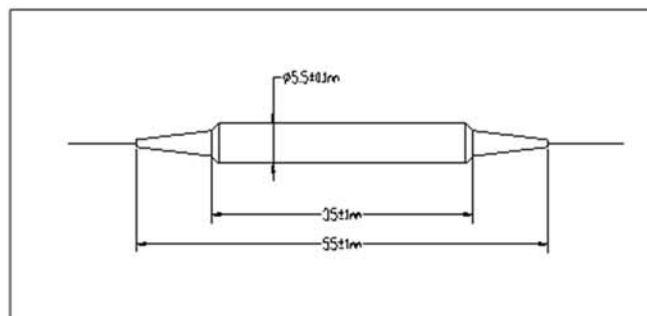
| Parameters                               | Unit | Values             |
|------------------------------------------|------|--------------------|
| Nominal Center Wavelength                | nm   | 1064               |
| Max. Insertion Loss over CWL $\pm$ 4.0nm | dB   | 0.8                |
| Max. Pass Bandwidth @0.5dB               | nm   | 8                  |
| Max. Stop Bandwidth @25dB                | nm   | 22                 |
| Min. ER                                  | dB   | 22                 |
| Min. Optical Return Loss                 | dB   | 50                 |
| Max. Optical Power(CW)                   | mW   | 500                |
| Max. Tensile Load                        | N    | 5                  |
| Fiber Type                               |      | PM 980 Panda Fiber |
| Operating Temperature                    | °C   | -5 to +70          |
| Storage Temperature                      | °C   | -40 to +85         |

\*Above specifications are for device without connector.

\*For devices with connectors, IL will be 0.3dB higher, ER will be 2dB lower and RL will be 5dB lower.

\*The PM fiber and the connector key are aligned to the slow axis.

## Package Dimensions



## Ordering Information

**PMBPF-①①①①-②②-③③-④④-⑤⑤-⑥**

①①①①: Center Wavelength  
1064 - 1064nm  
SSSS - Specify

②②: Pass Band Width  
08 - 8nm  
SS - Specify

③③: Stop Band Width  
22 - 22nm  
SS - Specify

④: Connector Type  
1 - FC/UPC  
2 - FC/APC  
3 - SC/UPC  
4 - SC/APC  
N - None  
S - Specify

⑤: Fiber Jacket  
B - 250um Bare Fiber  
L - 900um Loose Tube  
C - 3mm Cable  
S - Specify

⑥: Fiber Length  
1 - 1.0 m  
S - Specify