



## Bandpass Filter

### Features

High Isolation  
 Low Insertion Loss  
 High Return Loss  
 Excellent Environmental Stability  
 High Power Handling Capability

### Applications

EDFAs  
 DWDM Systems  
 Fiber Lasers  
 Research

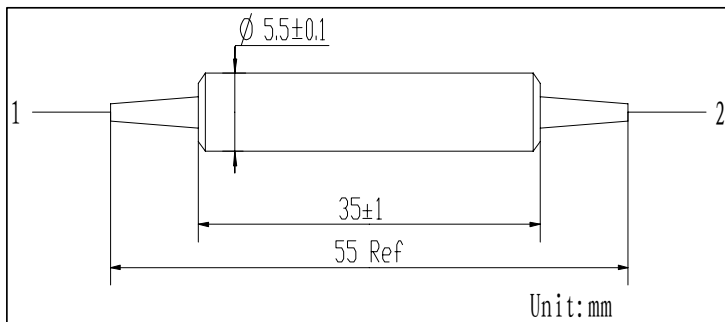
### Specifications

Parameters	Unit	Values
Nominal center Wavelength	nm	1546.5
Operating Pass Band	nm	1528 ~1565
Min.Attenuation at Wavelength <1521nm and >1574nm	dB	12
Typ. Insertion Loss at 1528 ~1565nm	dB	0.5
Max. Insertion Loss at 1528 ~1565nm	dB	0.7
Min. Return Loss	dB	50
Typ. PDL	dB	0.05
Max. PDL	dB	0.1
Thermal Stability	dB/°C	≤0.005
Max. Optical Power (CW)	mW	500
Max. Tensile Load	N	5
Fiber Type		SMF-28e 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 and RL will be 5dB lower.

### Package Dimensions



### Ordering Information

**BPF-①①①①-②②-③③-④④-⑤⑤-⑥**

①①①①: Wavelength  
 1546.5 - 1528~1565nm  
 SSSS - Specify

②②: Pass Band Width  
 37 - 37nm  
 SS - Specify

③③: Stop Band Width  
 53 - 53nm  
 SS - Specify

④④: Connector Type on Port 1 & 2  
 1 - FC/UPC  
 2 - FC/APC  
 3 - SC/UPC  
 4 - SC/APC  
 N - None  
 S - Specify

⑤⑤: Fiber Jacket on Port 1 & 2  
 B - 250um Bare Fiber  
 L - 900um Loose Tube  
 C - 3mm Cable  
 S - Specify

⑥: Fiber Length  
 1 - 1.0m  
 S - Specify