

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

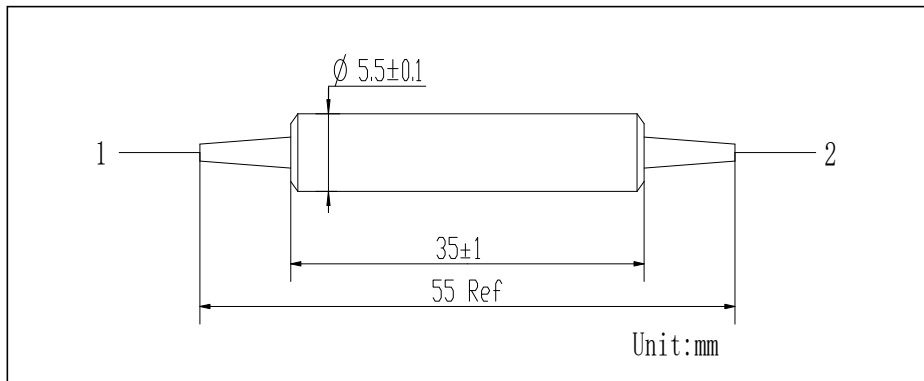
Parameters	Unit	Values
Nominal center Wavelength	nm	1548.5
Operating Pass Band	nm	1528 ~1565
Min.Attenuation at Wavelength 1480~1521nm and 1574~1620nm	dB	12
Typ. Insertion Loss at 1528 ~1565nm	dB	0.5
Max. Insertion Loss at 1528 ~1565nm	dB	0.7
Min. Return Loss	dB	50
Typ. PDL	dB	0.05
Max. PDL	dB	0.1
Thermal 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.

*The material must be RoHS compliant.

Package Dimensions



Ordering Information

BPF-①①①①-②②-③③-④④-⑤⑤-⑥⑥-⑦⑦-⑧⑧-⑨⑨

①①①①: nter Wavelength

1548.5 - 1548.5nm

SSSS - Specify

②②: Pass Band Width

37 - 37nm

SS - Specify

③③: Stop Band Width

53 - 53nm

SS - Specify

④④: Handling Power

0.5 - 500mW

SS - Specify

⑤⑤: Connector Type on Port1,2

1A - FC/UPC

2A - FC/APC (Step)

3D - SC/UPC

4D - SC/APC (Step)

N - None

⑥⑥: Fiber Jacket on Port 1,2

B - 250um Bare Fiber

F - 900um Loose Tube (White)

G - 900um Loose Tube (Yellow)

E - 900um Loose Tube (Black)

SS - Specify

⑦: Fiber Length

0.8 - 0.8 m

S - Specify

⑧⑧: Fiber Type

02 - SMF-28e Fiber

⑨⑨: Package Type

01 - Ø5.5x35