

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

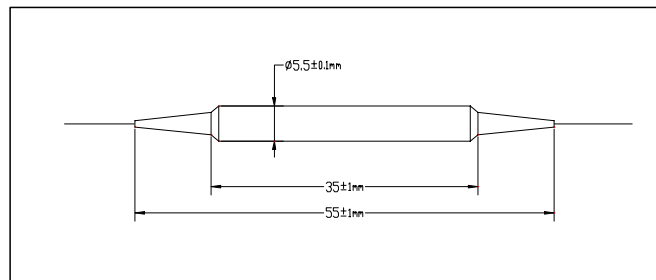
Specifications

Parameters	Unit	Values
Center Wavelength Range	nm	1528 - 1565
Operating Wavelength Range	nm	± 20
Min. Insertion Loss at Wavelength <1521nm and >1574nm	dB	12
Typ. Insertion Loss	dB	0.5
Max. Insertion Loss	dB	0.7
Min. Return Loss	dB	50
Typ. PDL	dB	0.05
Max. PDL	dB	0.1
Thermal Stability	dB/°C	≤ 0.005
Thermal Wavelength Drift	nm/°C	≤ 0.003
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

ABPF-①①①①-②②-③③-④④-⑤⑤-⑥

①①①①: Wavelength

1550 - 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