

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

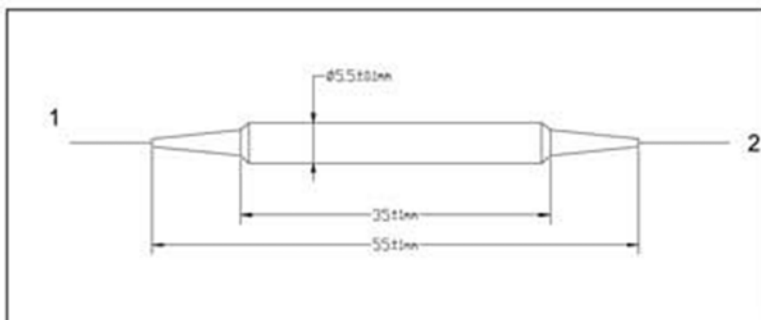
Specifications

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

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

⑥: Fiber Length
 1 - 1.0m
 S - Specify

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