



Bandpass Filter (BP Series)

Rev 10

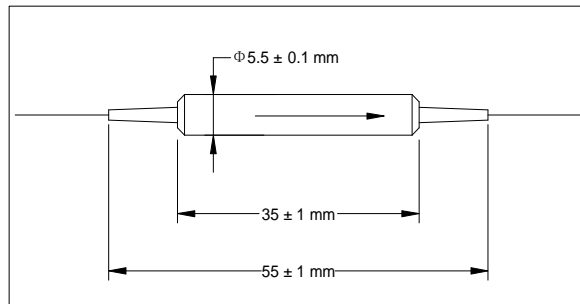
The Bandpass Filter is a micro optics device based on environmentally stable thin film filter technology. It is used to block out unwanted noise signals in EDFAs and fiber laser systems. The components are characterized with high isolation, low insertion loss, high return loss, excellent environmental stability and high power handling capability.

Specifications

Parameter	Unit	Value
Center Wavelength (λ_c)	nm	1064
CWL Tolerance	nm	± 0.5
Filter Pass Band @ -0.5 dB	nm	8
Max. Insertion Loss over Pass Band	dB	1.0
Wavelength suppression (1000 - 1054 & 1074 - 1100 nm)	dB	25
Min. Return Loss	dB	55
Max. Polarization Dependent Loss	dB	0.10
Thermal Stability	dB/°C	≤ 0.005
Max. Optical Power (CW)	mW	300
Max. Tensile Load	N	5
Fiber Type		HI 1060
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

*IL is 0.5 dB higher, RL is 5 dB lower for each connector added.

Package Dimensions



Ordering Information

BP-①①-②-③-④

①①: Wavelength

06 - 1064 nm

SS - Specify

②: Connector Type

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

③: Fiber Jacket

B - 250 μ m bare fiber

L - 900 μ m loose tube

S - Specify

④: Fiber Length

1 - 1.0 m

S - Specify