Bandpass Filter
(GK-BP Series)

Description

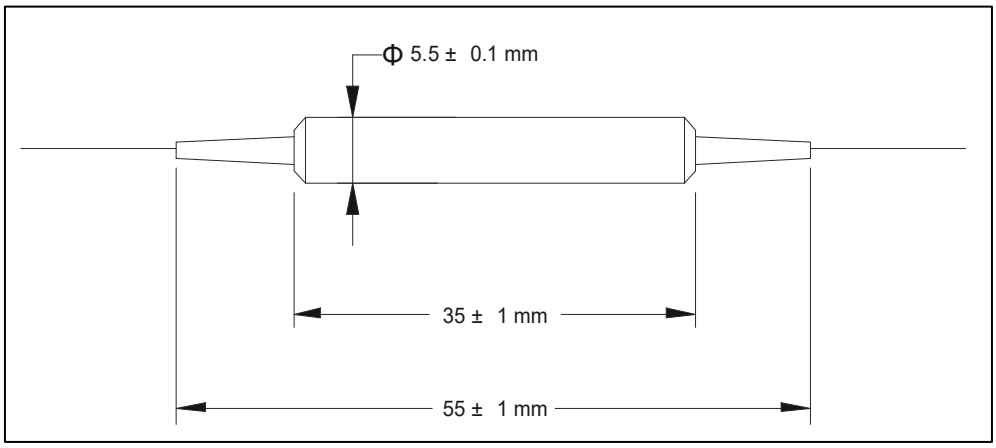
The Bandpass Filter is a micro optics device based on environmentally stable thin-film filter technology. It is used to block out unwanted noise signals in EDFAs and fiber laser systems. The components are characterized with high isolation, low insertion loss, high return loss, excellent environmental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

Specifications

Parameter	Unit	Type A
Center Wavelength	nm	1064
CWL Tolerance	nm	± 1 ± 0.5
Filter Pass Band @ -0.5 dB	nm	2 8
Max. Insertion Loss over Pass Band	dB	0.8 0.8
Wavelength suppression @ (1020 - 1058 & 1070 - 1100 nm) for 2 nm	dB	25 N/A
Wavelength suppression @ (1000 - 1054 & 1074 - 1100 nm) for 8 nm	dB	N/A 25
Min. Return Loss	dB	50
Max. Polarization Dependent Loss	dB	0.1
Thermal Stability	dB/℃	≤ 0.005
Max. Optical Power (Continuous Wave)	mW	300
Max. Tensile Load	N	5
Fiber Type	-	HI 1060 Fiber
Operating Temperature	℃	- 5 to + 70
Storage Temperature	℃	- 40 to + 85

[1]IL is 0.5 dB higher, RL is 5 dB lower for each connector added.

Package Dimensions



Ordering Information

GK-BP-①-②-③-④-⑤

①: Wavelength

1064 - 1064 nm

SSSS - Specify

②: Pass Bandwidth

2 - 2 nm

8 - 8 nm

③: Connector Type

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

④: Fiber Type

B - 250 μm Bare Fiber

L - 900 μm Loose Tube

S - Specify

⑤: Fiber Length

Q - 0.75 m

S - Specify