



Fiber Bandpass Filter

In-fiber filters for a broad range of applications

FEATURES:

- High power handling
- Low insertion loss
- Broad wavelength range availability

APPLICATIONS:

- Test Equipment
- Optical sensors
- Fiber laser systems

Fiberlogix develops the Fiber Optic filter that is a micro optics device based on environmentally stable thin film filter technology. It may be used to block out unwanted noise in EDFA amplifiers for communication and fiber laser systems. These filters are manufactured on a broad range of fibers, with capability to handle high power. High degree of customization is possible; enquire with **Fiberlogix** about specific requirements.

SPECIFICATIONS

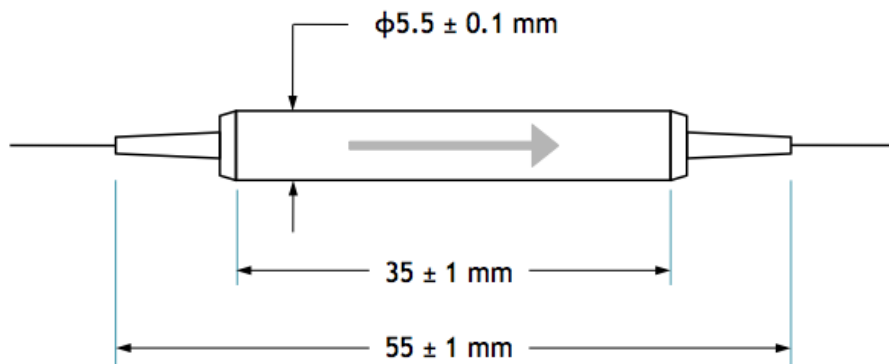
Parameter	Unit	Value
Operating wavelength	Nm	1064
CWL Tolerance	Nm	+/- 0.5
Filter Pass Band at -0.5dB		1064 +/- 4.0
Max. Insertion Loss over Pass Band	dB	1.2
Wavelength suppression (1000 -1054 & 1074 - 1100nm)	dB	25
Min. Return Loss	dB	50
Max. Polarization Dependant Loss	dB	0.10
Thermal Stability	dB/° C	≤ 0.005
Max. Average Optical Power	W	1
Max. Peak Power for ns Pulse	kW	1
Max. Tensile Load	N	5
Fiber Type		HI 1060
Operating temperature	° C	-5 to +70
Storage temperature	° C	-40 to +85

Fiberlogix Intl Limited

Ashley House, Vale Industrial Park, Tolpits Lane, Watford, Herts WD18 9QP, United Kingdom
Tel: +44 (0)1923 777 766 Fax: +44 (0)1923 777 100 Email: sales@fiberlogix.com Web: www.fiberlogix.com



Package Dimensions For FL-BPF-1064-08-N-B-1-P



ORDERING INFORMATION

FL-BPF	FL-BPF-1064-08-N-B-1-P		
	(1) Wavelength 1064 nm	(3) Power 1W	(5) Connector None

Note: Customized Polarization Filter also available. Please contact sales@fiberlogix.com for further design details.

Fiberlogix