

## Band Pass Filter for 1064 nm

Model #: BPF

Description: Band Pass Filter for 1064 nm

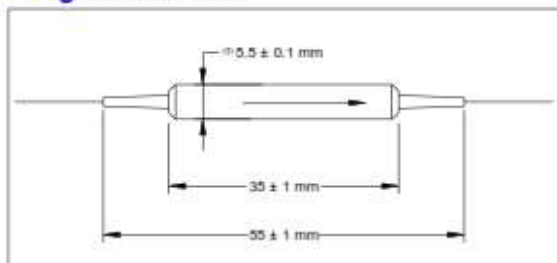
Application: Fiber amplifier, fiber laser, fiber sensor, WDM module and systems

Specifications:

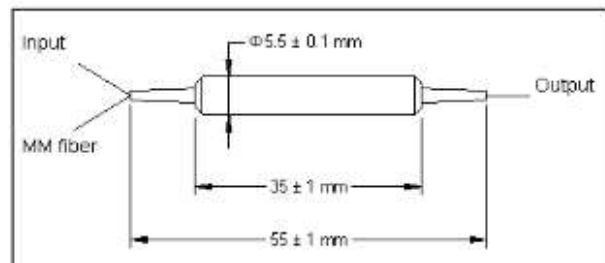
Parameter	Unit	Specifications*	
Central Wavelength ( $\lambda_c$ )	nm	1064	
Central Wavelength Tolerance	nm	$\pm 1$	$\pm 0.5$
Filter Pass Band @ - 0.5 dB Bandwidth	nm	2.0	8.0
Max. Insertion Loss over Pass Band	dB	1.0	1.0
Wavelength Suppression @ (1020 – 1058 & 1070 – 1100) for 2 nm	dB	25	N/A
Wavelength Suppression @ (1020 – 1054 & 1074 – 1100) for 8 nm	dB	NA	25
Min. Return Loss	dB	50	
Max. Polarization Dependent Loss		0.1	
Max. Thermal Stability		$\leq 0.005$	
		dB/°C	
Max. Optical Power	CW	W	0.3, 0.5, 1.0, ..., 10
	Pulsed	kW	1, 2, 3, ..., 10
Fiber Type		Input and output: HI 1060 Tap: MMF105/125, NA 0.22	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to + 85	

Note: each connector may contribute extra 0.5 dB IL, 5 dB lower RL.

### Package Dimensions



Optical Power for reflect band is 1W or less



Optical Power for reflect band is higher than 1W

Note: MMF Port is to take out useless light.

### Ordering Information: BPF-AAAA-B-C-D-E-F-G-H

AAAA: wavelength	B: pass bandwidth	C: connector type	D: fiber jacket	E: fiber length	F: port	G: power type	H – power level
1064 – 1064 nm	2 – 2 nm	1 – FC/UPC	B - 250 $\mu$ m Panda fiber	H - 0.5	2 – 2 ports	C - CW	xW for CW
XX XX - other	8 – 8 nm	2 – FC/APC	L - 900 $\mu$ m loss tube	1 – 1.0	3 – 3 ports	P - Pulsed	xW of average power and ykW of peak power for pulsed signal
		3 – SC/UPC	X - other	X-other			
		4 – SC/APC					
		N – no connector					
		X - other					