HJ OPTRONICS

4055 Filan Way
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United States

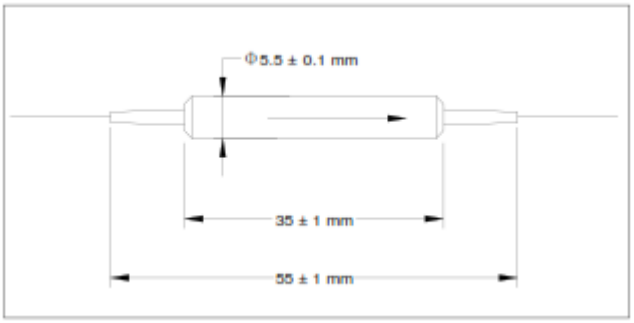
1064 nm Polarization Maintaining Bandpass Filter

Model #: PBPF
Description: 1064 nm Polarization Maintaining Bandpass Filter
Application: Fiber amplifier, fiber laser, fiber sensor, WDM module and systems

Specifications:

Parameter	Unit	Specifications*	
Central Wavelength (λ_c)	nm	1064	
Central Wavelength Tolerance	nm	± 1	± 0.5
Filter Pass Band @ - 0.5 dB Bandwidth	nm	2	8
Max. Insertion Loss over Pass Band	dB	0.8	
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. Thermal Stability	dB/°C	≤0.005	
Max. Optical Power (CW)	mW	300	
Fiber Type		PM 980 Panda Fiber	
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, 2 dB lower PER. Keying to slow axis.



Ordering Information:
BPF-AAAA-B-C-D-E

AAAA: wavelength	B: pass bandwidth	C: connector type	D: fiber jacket	E: fiber length
1064 – 1064 nm	2 – 2 nm	1 – FC/UPC	B - 250μm Panda fiber	Q – 0.75 m
XX XX - other	8 – 8 nm	2 – FC/APC	L - 900 μm loss tube	X-other
		3 – SC/UPC	X - other	
		4 – SC/APC		
		N – no connector		
		X - other		