

Polarization Maintaining Band Pass Filter

Model #: PBPf

Description: Polarization Maintaining Band Pass Filter

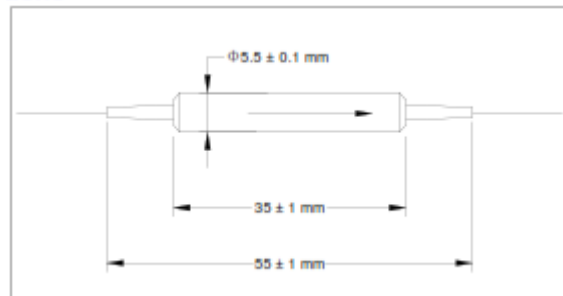
Application: Fiber amplifier, fiber laser, fiber sensor

Specifications:

Parameter	Unit	Specifications
Wavelength Range	nm	1550
Min. Pass Bandwidth @ -0.5 dB	nm	2
Max. Insertion Loss	dB	1.0
Min. Isolation @ 1520 – 1547 & 1553 – 1570 nm	dB	25
Min. Polarization Extinction Ratio	dB	20
Min. Return Loss	dB	50
Max. Thermal Stability	dB/°C	0.005
Max. Optical Power	mW	300
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to + 80
Dimension (mm)		5 (D) x 35 (L)
Fiber Type		PM Panda fiber

* Customized ratios are acceptable;

Note: each connector may contribute extra 0.3 dB IL, 5 dB lower RL and 2 dB lower ER. Keying to slow axis.



Ordering Information:

Beam Combiner PBPFAAAA-B-C-D-E

AAAA: wavelength	B: pass bandwidth	C: connector type	D: fiber jacket	E: fiber length
1550 – 1550 nm	2 – 2nm	1 - FC/UPC	B - 250µm Panda fiber	Q-0.75m
XXXX - other		2 - FC/APC	L - 900 µm loss tube	X-other
		3 - SC/UPC	X - other	
		4 - SC/APC		
		N - none		
		X - other		