

## Band Pass Filter

Model #: BPF

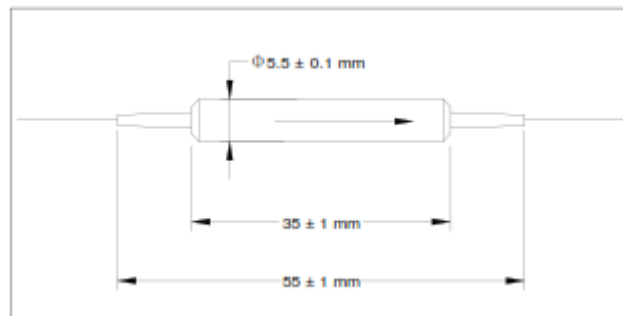
Description: Band Pass Filter

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

Specifications:

Parameter	Unit	Specifications
Wavelength Range	nm	1528 - 1565
Max. Insertion Loss	dB	0.7
Typ. Insertion Loss	dB	0.5
Min. Isolation (at wavelength < 1521 nm or > 1574 nm)	dB	12
Max. Polarization Dependent Loss	dB	0.1 (typ. 0.05)
Min. Return Loss	dB	50
Thermal Stability	dB/°C	0.005
Thermal Wavelength Drift	nm/°C	0.003
Max. Optical Power (CW)	mW	300
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to + 85
Dimension	mm	5.5 (D) x 35 (L)
Fiber Type		SMF-28 fiber

Note: each connector may contribute extra 0.3 dB IL, 5 dB lower RL.



### Ordering Information:

**BPF-AAAA-B-C-D**

AAAA: wavelength	B: connector type	C: fiber jacket	D: fiber length
2865 – 1528 - 1565 nm	1 - FC/UPC	B - 250µm bare fiber	1 – 1.0 m
XXXX - other	2 - FC/APC	L - 900 µm loss tube	X - other
	3 - SC/UPC	X - other	
	4 - SC/APC		
	N - none		
	X - other		