

## 1064 nm Multimode Pump Protector Filter

Model #: MPPF

Description: 1064 nm multimode pump protector filter

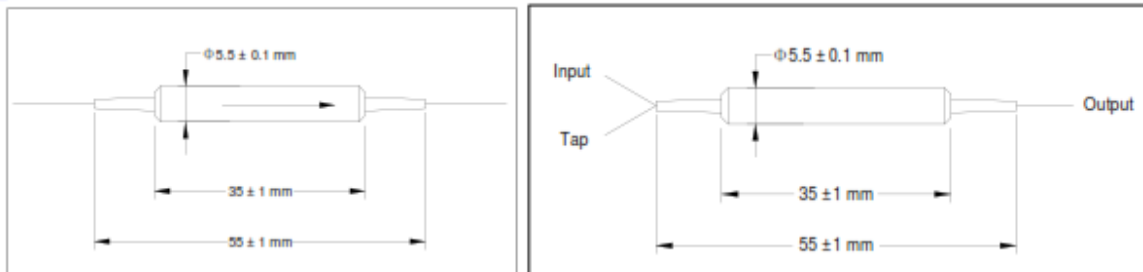
Application: Fiber amplifier, fiber laser, fiber sensor

### Specifications:

Parameter	Unit	Specifications
Pass Wavelength Range	nm	900 - 1000
Max. Insertion Loss	dB	0.7
Block Wavelength Range	nm	1020 – 1120; 1500 - 1600
Min. Isolation	dB	25
Min. Return Loss	dB	30
Max. Polarization Dependent Loss	dB	0.1
Max. Thermal Stability	dB/°C	0.003
Max. Optical Power	W	10
Max. Tensile Load	N	5
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to + 85
Dimension (mm)		5 (D) x 35 (L)
Fiber Type		Multimode fiber 105/125; 62.5/125, 50/125 $\mu\text{m}$

- Note: each connector may contribute extra 0.5 dB IL, 10 dB lower RL.
- Above specifications are measured at low order modes;
- If optical power is higher than 1W out of passband, a third port should be added to guide it

### Package Dimensions



### Ordering Information:

#### Beam Combiner PBPFAAAA-B-C-D-E-F

AAAA: wavelength	B: port	C : fiber core	D: connector type	E: fiber jacket	F: fiber length
9806 – 980 pass / 1064 block	2 – 2 ports	1 – 50 $\mu\text{m}$	1 - FC/UPC	B - 250 $\mu\text{m}$ Panda fiber	1 – 1.0 m
9855 – 980 pass / 1550 block	3 – 3 ports	2 – 62.5 $\mu\text{m}$	2 - FC/APC	L - 900 $\mu\text{m}$ loss tube	X-other
XXXX - other		3 – 105 $\mu\text{m}$ , N.A. 0.15	3 - SC/UPC	X - other	
		4 – 105 $\mu\text{m}$ , N.A. 0.22	4 - SC/APC		
		X - other	N - none		
			X - other		