



## 1064 nm Polarization Maintaining Filter Coupler (PMFC Series)

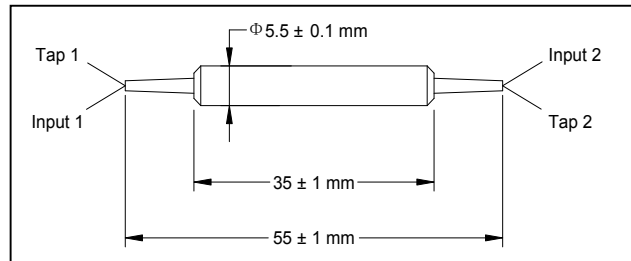
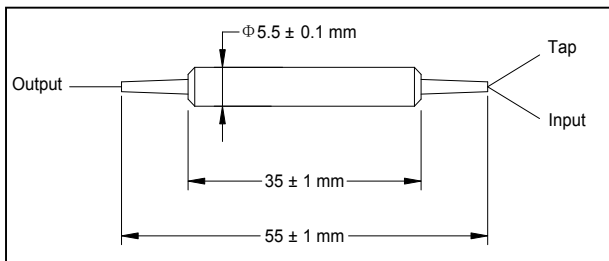
The 1064 nm Polarization Maintaining Filter Coupler is manufactured by using advanced technology to allow the input signal to be splitted at various ratios with high extinction ratio.

### Specifications

Parameter	Unit	Value	
Center Wavelength ( $\lambda_c$ )	nm	1064	
Operating Wavelength Range	nm	$\lambda_c \pm 20$	
Configuration		1 × 2	2 × 2
Max. Excess Loss, 23 °C	dB	0.8	1.1
Tap Ratio		1 ± 0.5%, 5 ± 1%, 10 ± 2%, 50 ± 5%	
Min. Return Loss	dB	50	50
Min. Extinction Ratio	dB	20	18
Max. PDL, 23 °C (For SM fiber type)	dB	0.1	
Max. Optical Power (Continuous Wave)	mW	300	
Max. Tensile Load	N	5	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	
Fiber Type		PM 980 Panda fiber or HI 1060 for Tap port PM 980 Panda fiber for input & output ports	

\*IL is 0.5 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

### Package Dimensions



### Ordering Information

PMFC-①①②③③④⑤⑥⑦B

①①: Wavelength	②: Configuration	③③: Coupling Ratio	④: Connector Type
06 - 1064 nm	1 - 1 × 2	01 - 1/99	1 - FC/UPC
SS - Specify	2 - 2 × 2	05 - 5/95	2 - FC/APC
		10 - 10/90	3 - SC/UPC
		50 - 50/50	4 - SC/APC
		SS - Specify	N - None
			S - Specify
⑤: Fiber Jacket	⑥: Fiber Type for Tap Port	⑦: Fiber Length	
B - 250 $\mu$ m Panda fiber	H - HI 1060 fiber	Q - 0.75 m	
L - 900 $\mu$ m loose tube	P - PM Panda fiber	S - Specify	
S - Specify	S - Specify		