

# PRODUCT INFORMATION SHEET

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

The 1064nm PMFC Series is manufactured using advanced technology to allow the input signal to split into various ratio with high extinction ratio.

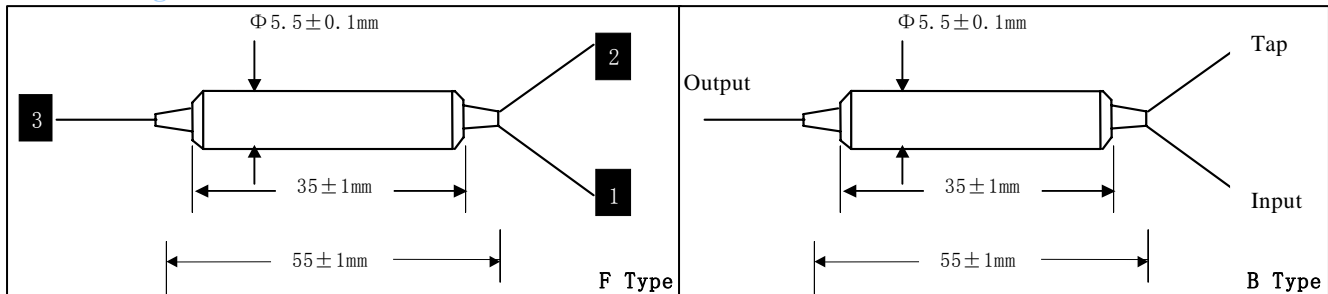
### Specifications

Parameter	Unit	Values
Center Wavelength	nm	1064 or Specify
Operating Wavelength Range	nm	$\pm 20$
Type		1x2
Max. Excess Loss	dB	0.7
Max. Uniformity(only for 50/50 type)	dB	0.6
Tap Ratio (port 2)	%	1 $\pm$ 0.2%, 2 $\pm$ 0.4%, 5 $\pm$ 1.0%, 10%, and 50% or Specify
Min. Return Loss	dB	$\geq 50$
Min. Extinction Ratio	dB	20
Max. Optical Power	mW	300
Max. Tensile Load	N	5
Operating Temperature	$^{\circ}\text{C}$	-5 to +70
Storage Temperature	$^{\circ}\text{C}$	-40 to +85
Fiber Type	PM 980 Panda Fiber or HI1060 on Tap port (Port 2)	
	PM 980 Panda Fiber on Input & Output Port (Port 3 & 1)	

\*Above specifications are for device without connector.

\*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, and ER will be 2dB lower.

### Package Dimensions



### Ordering Information

PMFC-①-②-③-④-⑤-⑥-⑦-⑧

- |   |   |  |   |   |
|---|---|--|---|---|
| ① Wavelength<br>06 - 1064nm<br>SS - Specify                               | ② Type<br>1 - 1x2                           | ③ Tap Ratio<br>01 - 1/99<br>02 - 2/98<br>05 - 5/95<br>10 - 10/90<br>50 - 50/50<br>SS - Specify | ④ Connector Type<br>1 - FC/UPC<br>2 - FC/APC<br>3 - SC/UPC<br>4 - SC/APC<br>N - None<br>S - Specify | ⑤ Fiber Type<br>B - 250um Panda Fiber<br>D - 400um Panda Fiber<br>L - 900um loose tube Panda Fiber<br>S - Specify |
| ⑥ Fiber Type on Tap port<br>H - HI 1060<br>P - Panda Fiber<br>S - Specify | ⑦ Fiber Length<br>Q - 0.75 m<br>S - Specify | ⑧ Axis Alignment<br>F - Fast axis blocked<br>B - Both slow and fast axis working               |   |   |

Remark: The PM fiber and the connector key are aligned to the slow axis