



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	± 20
Type		1x2
Max. Excess Loss	dB	0.8
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	≥ 50
Min. Extinction Ratio	dB	20
Max. Optical Power	mW	300
Max. Tensile Load	N	5
Operating Temperature	$^{\circ}$ C	-5 to +70
Storage Temperature	$^{\circ}$ C	-40 to +85

Fiber Type

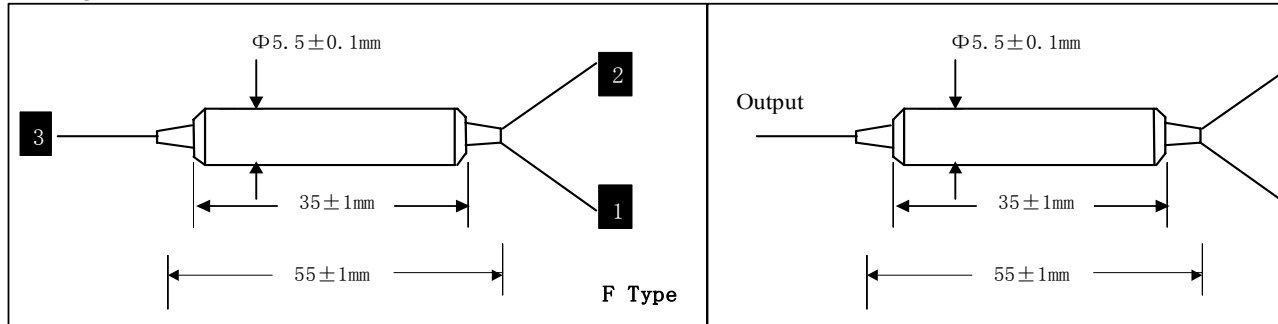
PM 980 Panda Fiber or HI1060 on Tap port (Port 2)

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-①①-②-③③-④-⑤-⑥-⑦-⑧

①①: Wavelength

06 - 1064nm

SS - Specify

②: Type

1 - 1x2

③③: Tap Ratio

01 - 1/99

02 - 2/98

05 - 5/95

10 - 10/90

50 - 50/50

SS - Specify

④: Connector Type

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

⑤: Fiber Type

B - 250um Panda Fiber

D - 400um Panda Fiber

L - 900um loose tube Panda Fiber

S - Specify

⑥: Fiber Type on Tap port

H - HI 1060

P - Panda Fiber

S - Specify

⑦: Fiber Length

Q - 0.75 m

S - Specify

⑧: Axis Alignment

F - Fast axis blocked

B - Both slow and fast axis working

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