



1064nm Polarization Maintaining Filter Coupler

(PMFC Series)

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

Specifications

Parameters	Unit	Values
Center Wavelength	nm	1064
Operating Wavelength Range	nm	+/-20
Type		2x2
Max.Excess Loss	dB	1.2
Max Uniformity(only for 50/50 type)	dB	0.8
Tap Ratio(port 2)	%	1±0.2%,2±0.4%,5±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	°C	-5 to +70
Storage Temperature	°C	-40 to +85

PM 980 Panda Fiber or HI 1060 on Tap port (port 2&4)

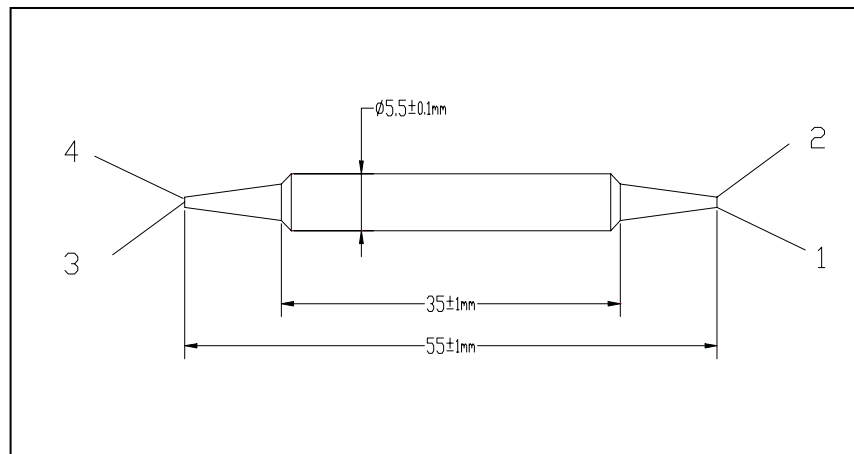
PM 980 Panda Fiber on Input & Output port (port 1&3)

Fiber Type

The above specification are for devices without connector.

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

Package Dimensions



Ordering Information

PMFC-①①-②-③③-④-⑤-⑥-⑦

①① : Wavelength

06 - 1064nm

SS - Specify

② : Type

2 - 2x2

③③ : Coupling 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 - 250 um panda fiber

D - 400 um panda fiber

L - 900 um 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 - Fastaxis blocked

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

