

## 1064nm Polarization Maintaining Filter Coupler

### Features

High Extinction Ratio  
High Return Loss  
Low Cost

### Applications

Telecommunications  
Optical Amplifier  
Fiber Lasers  
Testing Systems

### Specifications

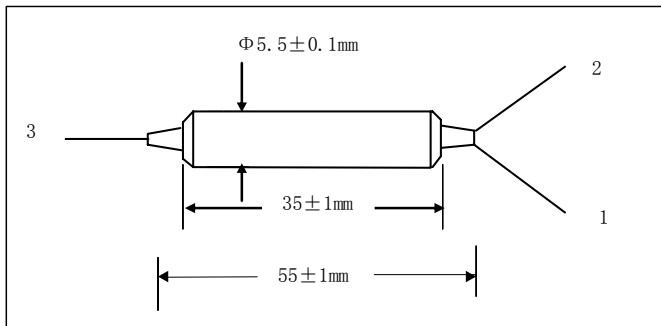
Parameter	Unit	Values
Center Wavelength	nm	1064
Operating Wavelength Range	nm	$\pm 20$
Coupling Ratio (for Port 2 only)	%	1 $\pm$ 0.2, 2 $\pm$ 0.4, 5 $\pm$ 1.0, 10 & 50
Min. Return Loss	dB	50
Min. Extinction Ratio (only for B Type)	dB	20
Min. Extinction Ratio (only for F Type)	dB	23
Max. Excess Loss	dB	0.8
Max. Uniformity (for 50/50 only)	dB	0.5
Max. Optical Power (CW)	mW	300
Max. Tensile Load	N	5
Fiber Type		PM 980 Panda Fiber or HI 1060 Fiber on Tap Port (Port 2) PM 980 Panda Fiber on Input & Output Port (Port 1 & 3)
Operating Temperature	$^{\circ}$ C	-5 to +70
Storage Temperature	$^{\circ}$ C	-40 to +85

\*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.

\*The PM fiber and the connector key are aligned to the slow axis.

### Package Dimensions



### Ordering Information

APMFC-①①-②③③-④⑤⑤⑤-⑥⑥⑥-⑦⑧

#### ①①: Wavelength

06 - 1064nm  
SS - Specify

#### ④: Axis Alignment

F - Fast Axis Blocked  
B - Both Slow and Fast Axis Working

#### ⑥⑥⑥: Fiber Jacket on Port 1, 2 & 3

B - 250um Panda Fiber  
L - 900um Loose Tube Panda Fiber  
S - Specify

#### ②: Port

1 - 1x2

#### ⑤⑤⑤: Connector Type on Port 1, 2 & 3

1 - FC/UPC  
2 - FC/APC  
3 - SC/UPC  
4 - SC/APC  
N - None  
S - Specify

#### ⑦: Fiber Type on Tap port

H - HI 1060 Fiber  
P - PM Panda Fiber  
S - Specify

#### ③③: Coupling Ratio

01 - 1/99  
02 - 2/98  
05 - 5/95  
10 - 10/90  
50 - 50/50  
SS - Specify

#### ⑧: Fiber Length

0.8 - 0.8m  
S - Specify