

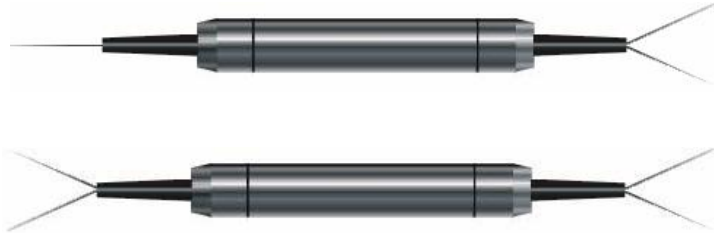
# PM Couplers ( 1060nm 1310nm 1550nm)

## Features

- Low Excess Loss
- Various Coupling Ratio
- Wide Pass Band
- High Stability And Reliability
- Epoxy Free Optical Path

## Applications

- Optical Amplifier
- Optical Networks
- Power Monitoring
- Fiber Sensors



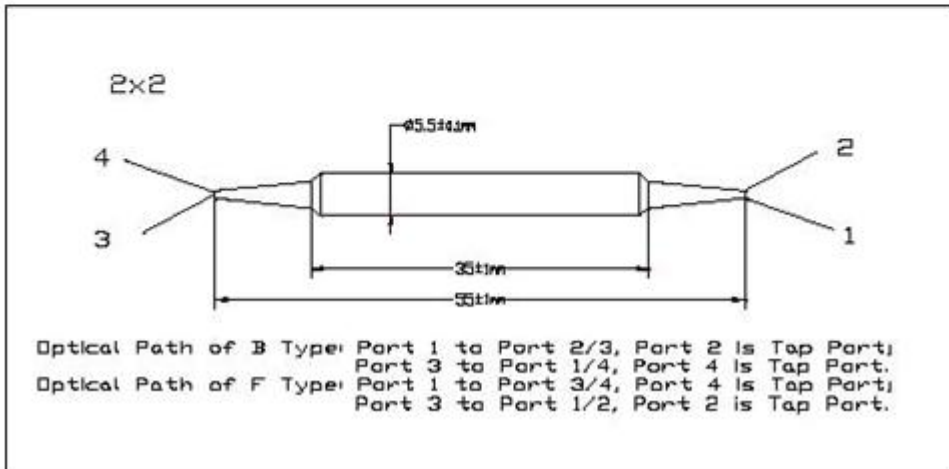
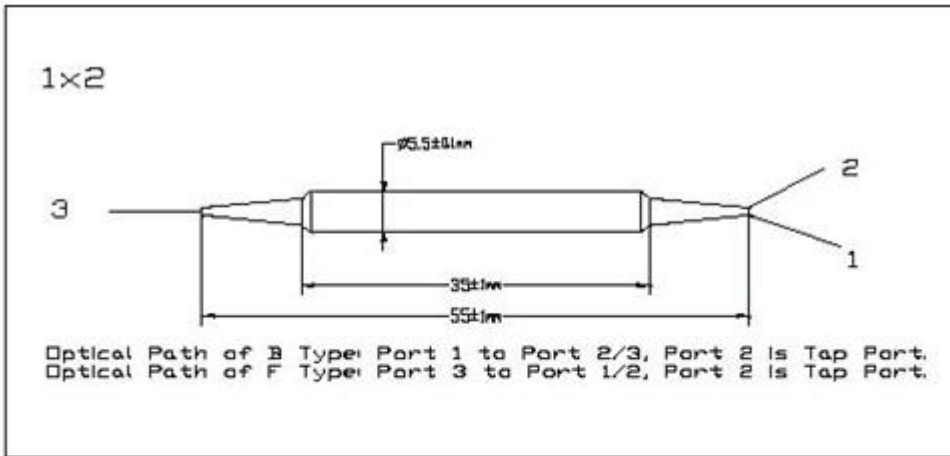
## Performance Specifications

Parameters	Unit	Values
Port Type		1X2 2X2
Center Wavelength	nm	1060 or 1310 or 1550
Operating Wavelength Range	nm	±20
Max. Excess Loss	dB	0.7 1.0
Max. Uniformity (only for 50/50)	dB	0.4 0.6
Tap Ratio (Port 2/4)	%	1±0.2%, 2±0.4%, 5±1.0%, 10%, and 50%
Min. Return Loss	dB	50
Min. Extinction Ratio (only for F type)	dB	22 22
Min. Extinction Ratio (only for B type)	dB	20 18
Max. Optical Power (CW)	mW	300 or 500 (only for Splitter) other
Max. Tensile Load	N	5
Fiber Type		SMF-28e or PM Panda Fiber on Tap Port
		PM Panda Fiber on Port 1 & Port 3
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

\* Above specifications are for devices without the connectors.

\* 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. And for F type, fast axis is blocked.

### Package Dimensions



### Ordering Information

PMFC-①①-②-③③-④-⑤⑤⑤⑤-⑥⑥⑥⑥-⑦-⑧

①① : Wavelength

④: Axis Alignment

⑥⑥⑥⑥: Fiber Jacket



31 - 1310nm	F - Fast Axis Blocked	on Port 1
55 - 1550nm	B - Both Axis Working	B - 250um Fiber
60 - 1060nm		D - 400um Fiber
		L - 900um Loose Tube
SS - Specify	⑤⑤⑤⑤: Connector Type on Port 1, 2, 3 & 4	S - Specify
②: Port	1 - FC/UPC	
1 - 1x2	2 - FC/APC	⑦: Fiber Type on Tap port
2 - 2x2	3 - SC/UPC	M - SMF-28e Fiber (For 1x2 only)
	4 - SC/APC	P - PM Panda Fiber
③③: Coupling Ratio	N - None	S - Specify
01 - 1/99	S - Specify	
02 - 2/98		⑧: Fiber Length
04 - 4/96		0.8 - 0.8m
05 - 5/95		S - Specify
10 - 10/90		
20 - 20/80		
50 - 50/50		
SS - Specify		