

PRODUCT INFORMATION SHEET

Polarization Maintaining Filter Coupler (PMFC Series)

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

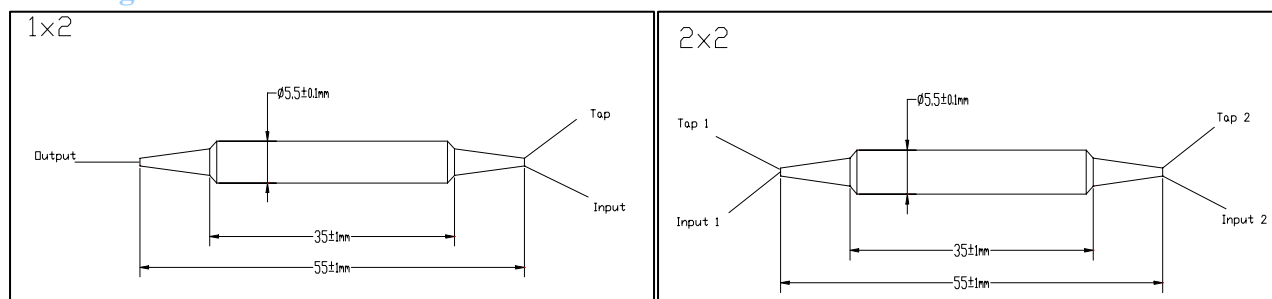
➤ Specifications

Parameters	Unit	Values	
Center Wavelength	nm	1310 or 1550	
Operating Wavelength Range	nm	± 40	
Type.		1x2	2x2
Max.Excess Loss	dB	0.7	1.0
Max Uniformity	dB	0.6	0.8
Tap Ratio	%	1±0.2%,2±0.4%,4±0.8%,5±1.0%, 10%,20%and 50%	
Min. Return Loss	dB	50	
Min. Extinction Ratio	dB	20	18
Max.Optical Power	mW	300	
Max. Tensile Load	N	5	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	
Fiber Type		SMF-28 or PM Panda Fiber on Tap Port	
		PM Panda Fiber on Input & Output Port	

*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-①-②-③③-④-⑤-⑥-⑦

① Wavelength

31 - 1310nm

55 - 1550nm

SS - Specify

② Type

1 - 1x2

2 - 2x2

③ 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

M - SMF - 28

P - Panda Fiber

S - Specify

⑦ Fiber Length

Q - 0.75 m

S - Specify

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