



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.

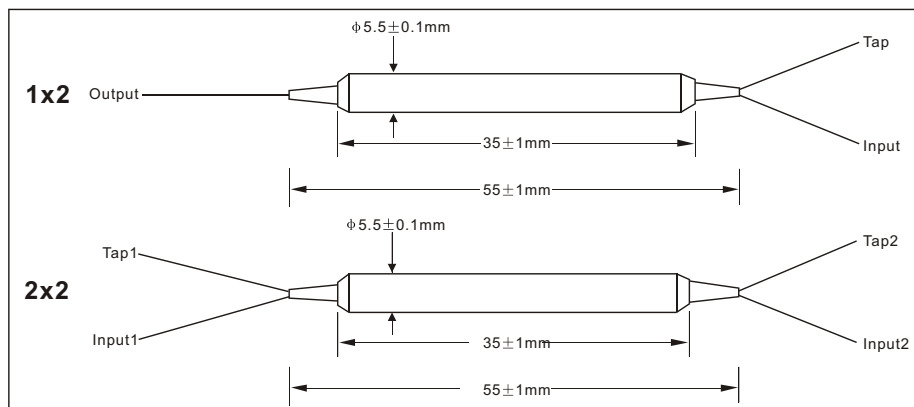


Specifications		
Parameters	Unit	Values
Center Wavelength	nm	1310 or 1550
Operating Wavelength Range	nm	± 40
Type		1x2 2x2
Max. Excess Loss	dB	0.7 1.0
Max. Uniformity	dB	0.6 0.8
Tap Ratio	%	1 \pm 0.2%, 2 \pm 0.4%, 4 \pm 0.8%, 5 \pm 1.0%, 10%, 20% and 50%
Min. Return Loss	dB	50
Min. Extinction Ratio	dB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

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.

Package Dimensions



Ordering Information

PMFC-①①-②③③-④⑤-⑥⑦

①①: Wavelength
31 - 1310nm
55 - 1550nm
SS - Specify

③③: Coupling Ratio
01 - 1/99
02 - 2/98
04 - 4/96
05 - 5/95
10 - 10/90
20 - 20/80
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
(For 1x2 only, AFR standard product)
P - Panda Fiber
S - Specify

⑦: Fiber Length
Q - 0.75m
S - Specify

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