

Polarization Maintaining(PM) Filter-Type Coupler (PMFC Series)



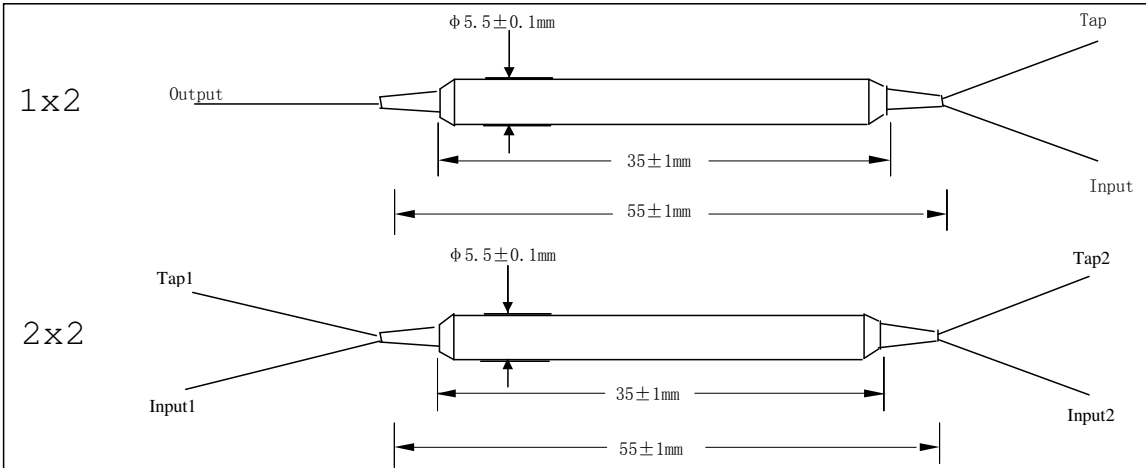
PMFC Series is manufactured using advanced technology to allow the input signal to split into various ratio with high extinction ratio.

General Specifications

Parameters	Unit	Values	
Center Wavelength	nm	1550nm typ. (C-band), or C+L band special	
Type		1x2	2x2
Excess Loss Max.	dB	1.0	1.0
Max Uniformity	dB	0.8	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	16
Max. Optical Power	mW	300	
Max. Tensile Load	N	5	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	
Fiber type		PM Panda Fiber or SMF-28 for Tap Port	
		PM Panda Fiber for Input & Output Port	

The above specification is for devices without including the connectors

Package Dimensions



Ordering Information

PMFC-①①-②-③③-④-⑤-⑥-⑦

①① : Wavelength
1550 - 1550nm
SS - Specify

② : Type
1 - 1x2
2 - 2x2

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
01 - FC/UPC
02 - FC/APC
03 - SC/UPC
04 - SC/APC
N - none

⑤ : Fiber Type
0.25 - 250um panda fiber
0.4 - 400um panda fiber
0.9 - 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
1 - 1m
S - specify

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

Contact Information:

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