

Polarization Maintaining Filter Coupler

Mode: PMFC-1x2-1030-70-5.5x35-PM980-0.8-1-SU-F

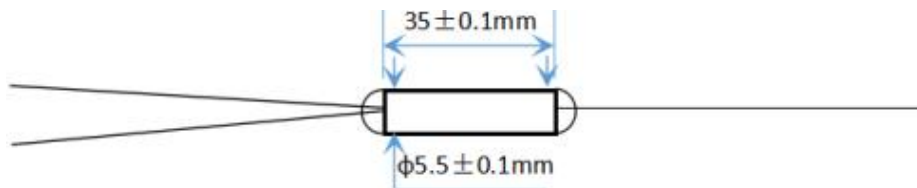
◆ Specification:

Parameters	Unit	Values
Structure	/	1*2
Center Wavelength λ_c	nm	1030
Operating Wavelength Range	nm	± 20
Coupling Ratio	%	70/30
Insertion Loss	dB	$\leq 2.6/6.2$
Polarization Extinction Ratio	dB	$T \geq 20, R \geq 18$
Min. Return Loss	nm	≥ 50
Max. Average Optical Power	mW	≤ 500
Max. Tensile Load	N	5
Fiber Type	/	PM980 fiber with 900 μ m loose tube
Fiber Length	m	0.8 ± 0.1
Connector	-	SC/UPC
Package Dimension	mm	5.5X35
Operating Temperature	$^{\circ}\text{C}$	-5 to +75
Storage Temperature	$^{\circ}\text{C}$	-40 to +85

*Values specified are without connector loss. IL will be higher, RL and ER will be lower with connectors.

*The PM fiber and the connector key are aligned to the slow axis, fast axis is blocked.

◆ Package Dimension:



◆ Ordering Information

PMFC-①-②-③-④-⑤-⑥-⑦-⑧-⑨

①	②	③	④	⑤	⑥	⑦	⑧	⑨
Structure	Center Wavelength	Coupling Ratio	Package Dimension	Fiber Type	Fiber Length	Fiber Jacket	Connector	Working Axis
22-2X2	1030-1030nm	10-10/90	5.5*35mm	PM980-PM980	0.8-0.8M	0-Bare Fiber	N-None	F-Fast Axis Blocked
12-1X2	1064-1064nm	20-20/80	S-Specify	PM1550-PM1550	1-1M	1-900 μ m Loose Tube	FU-FC/PC	B-Both Axis Working
	1550-1550nm	50-50/50		S-Specify	S-Specify	2-2mm Cable	FA-FC/APC	S-Slow Axis Blocked