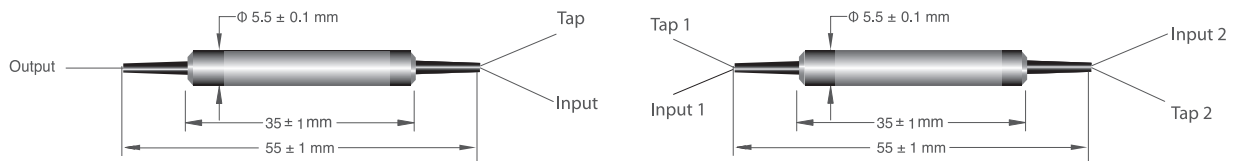


- Low Insertion Loss
- High Return Loss

PM FILTER COUPLER

The Polarization Maintaining Filter Coupler is manufactured by using advanced technology to allow the input signal to be split at various ratios with high extinction ratio. It supports both polarizations



SPECIFICATIONS*

PARAMETERS	VALUE		UNIT
Operating Wavelength (λ_c)	1310 or 1550		nm
Operating Wavelength Range	$\lambda_c \pm 40$		nm
Configuration	1x2	2x2	dB
Max. Excess Loss	0.7	1.0	dB
Max. Uniformity	0.6	0.8	dB
Tap Ratio	1 ± 0.5%, 5 ± 1.0%, 10% and 50%		%
Min. Return Loss	50		dB
Min. Extinction Ratio	20	18	dB
Max. Optical Power (Continuous Wave)	300		mW
Max. Tensile Load	5		N
Operating Temperature	-5 to +70		°C
Storage Temperature	-40 to +85		°C
Fiber Type	SMF-28 or PM Panda fiber for tap port PM Panda fiber for input & output ports		

*Note: IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

ORDER CODES

CODE	WAVELENGTH	CONFIGURATION	COUPLING RATIO	CONNECTOR TYPE	FIBER TYPE FOR TAP PORT	FIBER JACKET	FIBER LENGTH
F4M-PMFC	31	1310 nm	1 1X2	01 1/99	0 None	M SMF-28 (1x2 Only)	10 1m (Std.)
	55	1550 nm	2 2X2	05 5/95	A SC/UPC	PF Panda Fiber	S Specify
				10 10/90	B SC/APC	S Specify	S Specify
				50 50/50	C FC/UPC		
				S Specify	D FC/APC		
					E LC/UPC		
					Q LC/APC		
				S Specify			

ORDER CODE example:

F4M-PMFC - 31 - 1 - 50 - 00 - PF - 25 - S