

## Polarization Maintaining Fiber Filter Tap Coupler 2000 nm

Model #: PMTC

Description: 2000 nm Polarization Maintaining Fiber Filter Coupler

Application: Fiber amplifier, fiber laser, fiber sensor

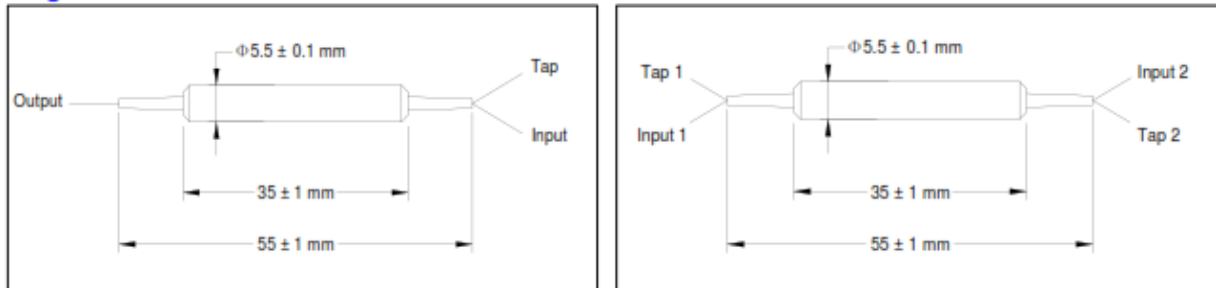
Specifications:

Parameter	Unit	Specifications	
Wavelength Range	nm	2000 ± 40	
Configuration		1 x 2	2 x 2
Max. Excess Loss	dB	1.2	1.5
Tap Ratio*	%	1±0.2, 2±0.4, 4±0.8, 5±1.0, 10, 20, or 50	
Max. Uniformity (50/50 coupler only)	dB	0.6	0.8
Min. Return Loss	dB	50	
Min. Polarization Extinction Ratio	dB	18	18
Max. Optical Power	mW	300	
Max. Tensile Load	N	5	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to + 80	
Dimension (mm)		5 (D) x 35 (L)	
Fiber Type		SMF-28 or PM Panda fiber for tap port; PM 1550 Panda fiber for input and output ports	

\* Customized ratios are acceptable;

Note: each connector may contribute extra 0.3 dB IL, 5 dB lower RL and 2 dB lower ER. Keying to slow axis.

### Package Dimensions



### Ordering Information:

PMTC-AAAA-B-CC-D-E-F-G-H

AA: wavelength	B: configuration	CC: coupling ratio	D: connector type	E: fiber jacket	F: fiber type for tap port	G: fiber length	H: polarization orientation
2000 – 2000 nm	1 - 1x2	01 - 1/99	1 - FC/UPC	B - 250µm Panda fiber	M - SMF28 fiber	Q-0.75m	F - fast axis blocked
XXXX - other	2 - 2x2	02 - 2/98	2 - FC/APC	L - 900 µm loss tube	P-Panda fiber	X-other	
		04 – 4/96	3 - SC/UPC	X - other	X-other		
		05 – 5/95	4 - SC/APC				
		10 - 10/90	N - none				
		50 - 50/50	X - other				
		XX - other					