



## 1064 nm Polarization Maintaining Tap Coupler (PMTC Series)

Rev 11

### Description

The Polarization Maintaining Tap Coupler is manufactured by using advanced technology to allow the input signal to be splitted at various ratios with high extinction ratio.

### Specifications

Parameter	Unit	Value	
Center Wavelength ( $\lambda_c$ )	nm	1064	
Operating Wavelength Range	nm	$\lambda_c \pm 20$	
Configuration		1 x 2	2 x 2
Max. Excess Loss	dB	0.7	1.1
Max. Uniformity (only for 50%)	dB	0.6	0.8
Tap Ratio	%	1 $\pm$ 0.2, 2 $\pm$ 0.4, 5 $\pm$ 1.0, 10, 50	
Min. Return Loss	dB	50	
Min. Extinction Ratio	dB	20	
Max. Optical Power (Continuous Wave)	mW	300	
Max. Tensile Load	N	5	
Operating Temperature	°C	- 5 to + 70	
Storage Temperature	°C	- 40 to + 85	

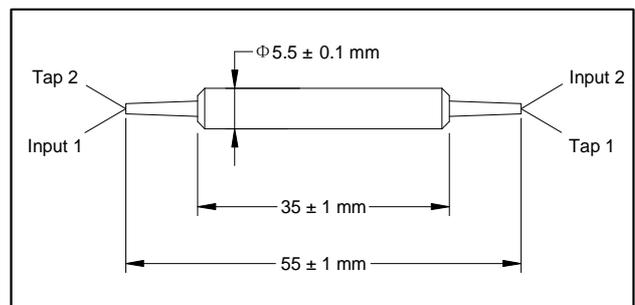
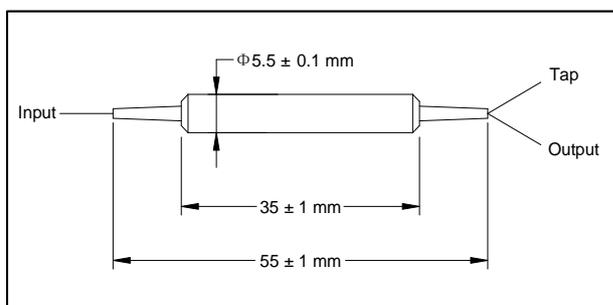
### Fiber Type

PM 980 Panda Fiber or HI 1060 for Tap Port  
PM 980 Panda Fiber for input & output Ports

<sup>1</sup>IL is 0.5 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

<sup>2</sup>E.L. will be 0.2 dB higher if tap port is HI 1060 Fiber.

### Package Dimensions



### Ordering Information

PMTC-①①-②-③③-④-⑤-⑥-⑦-⑧

①①: Wavelength	③③: Coupling Ratio	④: Connector Type	⑤: Fiber Jacket	⑦: Fiber Length
06 - 1064 nm	01 - 01/99	1 - FC/UPC	B - 250 $\mu$ m Panda Fiber	Q - 0.75 m
SS - Specify	02 - 02/98	2 - FC/APC	L - 900 $\mu$ m Loose Tube	S - Specify
	05 - 05/95	3 - SC/UPC		
	10 - 10/90	4 - SC/APC		
②: Configuration	50 - 50/50	N - None	⑥: Fiber Type for Tap Port	⑧: Working Axis
1 - 1 x 2	SS - Specify	S - Specify	H - HI 1060 Fiber	F - Fast Axis Blocked
2 - 2 x 2			P - PM 980 Panda Fiber	
			S - Specify	