



2 μm Polarization Maintaining Tap Coupler (PMTc Series)

Rev 11

Description

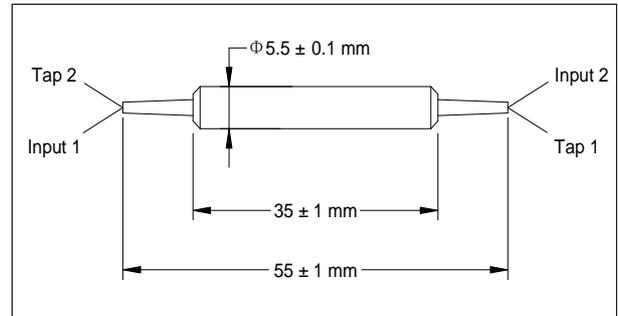
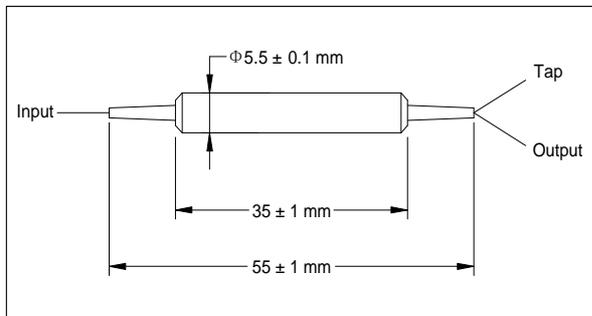
The 2 μm Polarization Maintaining Tap Coupler is manufactured by using advanced technology to allow the input signal to be splitted at various ratios with high extinction ratio.

Specifications

Parameter	Unit	Value	
Center Wavelength	nm	2000	
Operating Wavelength Range	nm	$\lambda_c \pm 40$	
Configuration	-	1 × 2	2 × 2
Max. Excess Loss	dB	1.2	1.5
Max. Uniformity (only for 50%)	dB	0.6	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	18	18
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	-	SMF-28 or PM 1550 Panda fiber for tap port PM 1550 Panda fiber for input & output ports	

*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.

Package Dimensions



Ordering Information

PMTc-①①①①-②-③③-④-⑤-⑥-⑦-⑧

①①①①: Wavelength

2000 - 2000 nm

SSSS - Specify

②: Configuration

1 - 1 × 2

2 - 2 × 2

③③: Coupling Ratio

01 - 01/99 10 - 10/90

02 - 02/98 20 - 20/80

04 - 04/96 50 - 50/50

05 - 05/95 SS - Specify

④: Connector Type

1 - FC/UPC 4 - SC/APC

2 - FC/APC N - None

3 - SC/UPC S - Specify

⑤: Fiber Jacket

B - 250 μm Panda Fiber

L - 900 μm Loose Tube

S - Specify

⑥: Fiber Type for Tap Port

M - SMF-28 Fiber

P - PM 1550 Panda Fiber

S - Specify

⑦: Fiber Length

Q - 0.75 m

S - Specify

⑧: Working Axis

F - Fast axis blocked