1064 nm Polarization Maintaining Tap Coupler (PMTC Series)

Rev 10

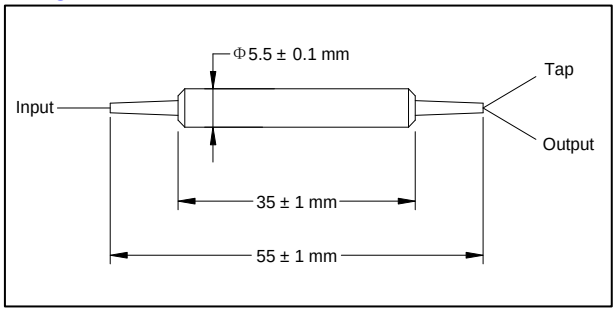
The PMTC Series is manufactured by using advanced technology to allow the input signal to be splitted at various ratios with high extinction ratio.

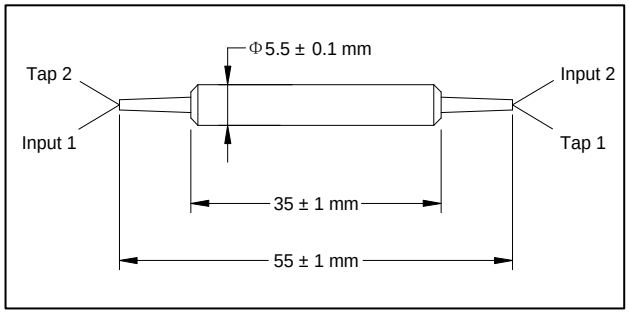
Specifications

Parameter	Unit	Value	
Center Wavelength (λc)	nm	1064	
Operating Wavelength Range	nm	λc ± 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 ± 0.2%, 2 ± 0.4%, 5 ± 1.0%, 10%, and 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	℃	-5 to +70	
Storage Temperature	℃	-40 to +85	
Fiber Type		PM 980 Panda fiber or HI 1060 for tap port PM 980 Panda fiber for input & output ports	

*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.

Package Dimensions





Ordering Information

PMTC-①①-②-③③-④-⑤-⑥-⑦-F

①①: Wavelength
06 - 1064 nm
SS - Specify

②: Configuration
1 - 1 x 2
2 - 2 x 2

③③: Coupling Ratio
01 - 1/99
02 - 2/98
05 - 5/95
10 - 10/90
50 - 50/50
SS - Specify

④: Connector Type
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None

⑤: Fiber Jacket
B - 250 μm Panda fiber
L - 900 μm loose tube

⑥: Fiber Type for Tap Port
H - HI 1060
P - PM Panda fiber
S - Specify

⑦: Fiber Length
Q - 0.75 m
S - Specify

⑧: Working Axis
F - Fast axis blocked