

Polarization Maintaining Tap Coupler (PMTC Series)

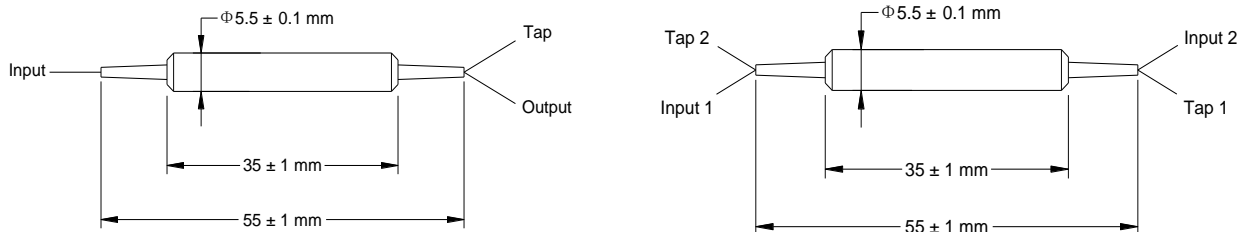
Specifications

Parameter	Unit	Value
Center Wavelength	nm	1030 or 1064
Operating Wavelength Range	nm	$\lambda_c \pm 20$
Configuration		1 × 2 2 × 2
Max. Excess Loss	dB	0.8 1.1
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	20
Max. Average Optical Power	W	5
Max. Peak Power for ns Pulse	kW	10
Max. Tensile Load	N	5
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85
Fiber Type		Specified by ordering information

IL is 0.3 dB higher, RL is 5 dB lower, ER is 2 dB lower and Optical Power is 1W only for each connector added.

Connector key is aligned to slow axis. 2x2 optical path: Input1 to Input2/Tap1, Input2 to Input1/Tap2.

Package Dimensions



Ordering Information

PMTC-①-②-③-④-⑤-⑥-⑦-⑧-⑨-⑩-C

PMTC-①-②-③-④-⑤-⑥-⑦-⑧-⑨-⑩-P

①: Wavelength	03 - 1030 nm, 06 - 1064 nm, SS - Specify
②: Configuration	1 - 1 × 2, 2 - 2 × 2
③: Coupling Ratio	01 - 01/99, 05 - 05/95, 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, S - Specify
⑤: Fiber Jacket	B - Bare fiber, L - 900 μm loose tube, S - Specify
⑥: Fiber Type for In	1 - PM980, 2 - FUD-3460, 3 - PM-GDF-10/125-M, S - Specify
⑦: Fiber Type for Out	1 - PM980, 2 - FUD-3460, 3 - PM-GDF-10/125-M, S - Specify
⑧: Fiber Type for Taps	1 - PM980, 2 - FUD-3460, 3 - PM-GDF-10/125-M, 4 - HI1060, 5 - 105/125 NA0.22, 6 - FUD-3584
⑨: Fiber Length	1 - 1.0 m, S - Specify
⑩: Working Axis	F - Fast axis blocked