



Polarization Maintaining Tap Coupler for Pulse Application (PMTC Series)

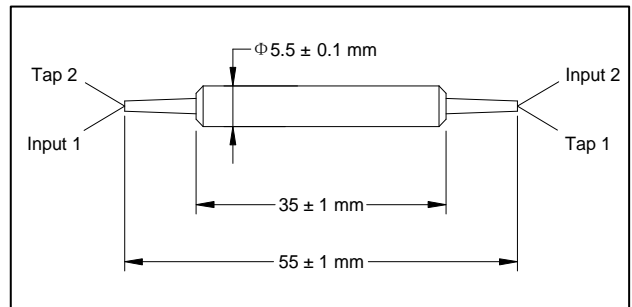
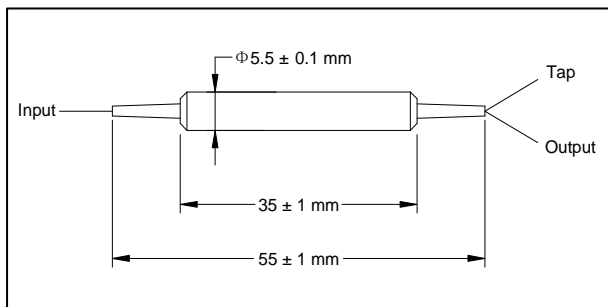
Spec Review No.: SR3457 Date: Aug 28, 2008

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	nm	1310 or 1550	
Operating Wavelength Range	nm	$\lambda_c \pm 40$	
Configuration		1 × 2	2 × 2
Max. Excess Loss	dB	0.7	1.2
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	18
Max. Average Optical Power	mW	300	
Max. Peak Power for ns pulse	kW	1	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	
Fiber Type		SMF-28 or PM Panda fiber for tap port PM Panda fiber for input & output ports	

Package Dimensions



Ordering Information

PMTC-①①-②-③③-④-⑤-⑥-⑦-⑧-P

①①: Wavelength 31 - 1310 nm 55 - 1550 nm SS - Specify	③③: Coupling Ratio 01 - 1/99 02 - 2/98 04 - 4/96 05 - 5/95	④: Connector Type N - None	⑥: Fiber Type for Tap Port M - SMF-28 P - Panda fiber S - Specify
②: Configuration 1 - 1 × 2 2 - 2 × 2	⑤: Fiber Type B - 250 μm Panda fiber L - 900 μm loose tube S - Specify	⑦: Fiber Length Q - 0.75 m S - Specify	⑧: Working Axis F - Fast axis blocked