

Polarization Maintaining Fused Coupler

Part No.: PMTC-1X2-50:50-1550-3.0*45-1-0-N-B

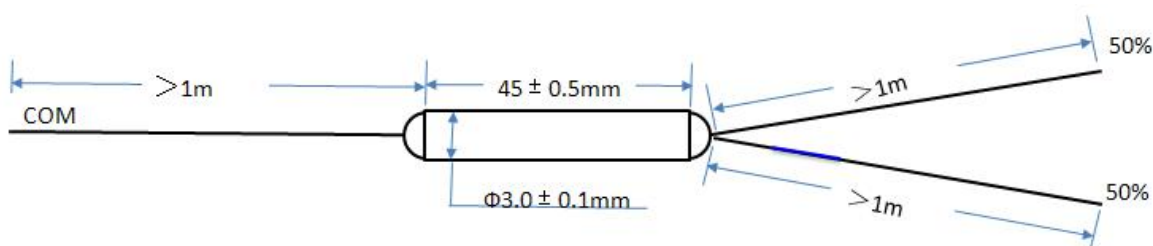
◆ Specification:

Parameters	Unit	Values
Structure	/	1*2
Center Wavelength λ_c	nm	1550
Operating Wavelength Range	nm	± 20
Coupling Ratio	%	50/50
Insertion Loss	dB	≤ 3.60
Excess Loss	dB	≤ 0.5
Polarization Extinction Ratio	dB	≥ 20
Min. Return Loss	nm	≥ 50
Max. Average Optical Power	mW	≤ 500
Fiber Type	/	SM 15-PS-U25D
Fiber Length	m	1
Operating Mode	-	Both axis
Package Dimension	mm	3.0X45
Operating Temperature	$^{\circ}\text{C}$	-5 to +75
Storage Temperature	$^{\circ}\text{C}$	-40 to +85

*Values specified are without connector loss. IL will be higher, RL and ER will be lower with connectors.

*The PM fiber and the connector key are aligned to the slow axis, fast axis is blocked.

◆ Package Dimension:



◆ Ordering Information

PMTC-①-②-③-④-⑤-⑥-⑦-⑧-⑨

①	②	③	④	⑤	⑥	⑦	⑧	⑨
Structure	Center Wavelength	Coupling Ratio	Package Dimension	Fiber Type	Fiber Length	Fiber Jacket	Connector	Working Axis
22-2X2	1030-1030nm	10-10/90	5.5*35mm	PM980-PM980	0.8-0.8M	0-Bare Fiber	N-None	F-Fast Axis Blocked
12-1X2	1064-1064nm	20-20/80	S-Specify	PM1550-PM1550	1-1M	1-900 μm Loose Tube	FU-FC/PC	B-Both Axis Working
	1550-1550nm	50-50/50		S-Specify	S-Specify	2-2mm Cable	FA-FC/APC	S-Slow Axis Blocked