

Polarization Maintaining Filter Coupler (DL-PMFC-TT-U-VV-W-X-Y-Z-B)

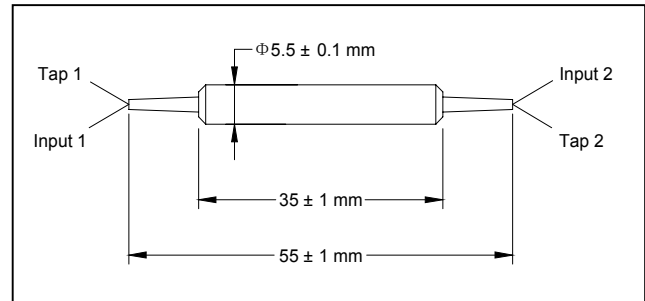
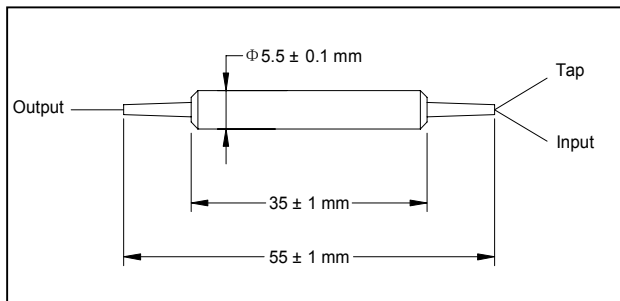
The PMFC series allows the input signal to be splitted at various ratios with high extinction ratio and supports both polarizations.

A. Specifications

Parameter	Value		Unit
Center Wavelength (λ_c)	1310 or 1550		nm
Operating Wavelength Range	$\lambda_c \pm 40$		nm
Configuration	1 × 2	2 × 2	
Max. Excess Loss	0.7	1.0	dB
Max. Uniformity	0.6	0.8	dB
Tap Ratio	1 ± 0.2%, 5 ± 1.0%, 10%, and 50%		%
Min. Return Loss	50		dB
Min. Extinction Ratio	20	18	dB
Max. Optical Power (Continuous Wave)	300		mW
Operating Temperature	-5 to +70		°C
Storage Temperature	-40 to +85		°C

*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.

B. Package Dimensions



C. Ordering Information

DL-PMFC-TT-U-VV-W-X-Y-Z-B

TT: Wavelength	VV: Coupling Ratio	W: Connector Type	Y: Fiber Type for Tap Port
31 - 1310 nm	01 - 1/99	1 - FC/UPC	M - SMF-28
55 - 1550 nm	05 - 5/95	2 - FC/APC	(for 1 x 2 only, AFR standard product)
SS - Specify	10 - 10/90	3 - SC/UPC	P - Panda fiber
	50 - 50/50	4 - SC/APC	S - Specify
	SS - Specify	N - None	
U: Configuration	X: Fiber Type (PM)	Z: Fiber Length	
1 - 1 x 2	B - 250 μ m Panda fiber	Q - 0.75 m	
2 - 2 x 2	L - 900 μ m loose tube	S - Specify	
	S - Specify		