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1064 nm Polarization Maintaining Filter Coupler Module (1 × 4/1 × 8) (DL-PMFCM-TT-UUUU-VV-W-X-Y-Z-(1x4,1x8))

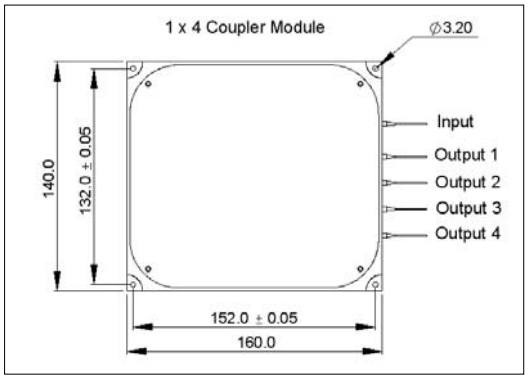
The PMFCM series allow the input signal to be splitted into multi channels at a given splitting ratio with high extinction ratio, low excess loss, low uniformity, low WDL and low TDL. It is suitable for fiber sensors, amplifiers, lasers, etc.

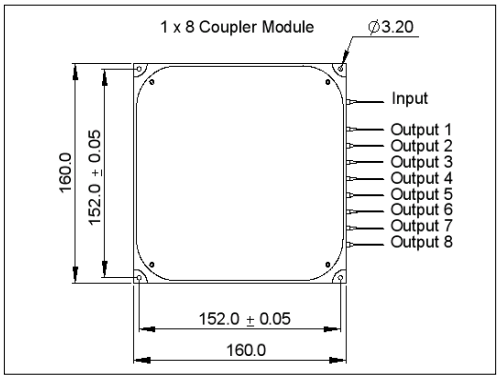
A. Specifications

Parameter	1 × 4	1 × 8	Unit
Center Wavelength (λc)	1064	1064	nm
Operating Wavelength Range	λc ± 30	λc ± 30	nm
Insertion Loss	⩽ 7.7, Typ. 7.4	⩽ 11.5, Typ. 11.2	dB
Wavelength Dependent Loss	⩽ 0.5, Typ. 0.3	⩽ 0.5, Typ. 0.3	dB
Max. IL Uniformity	0.8	1	dB
Min. Return Loss	50	50	dB
Directivity	50	45	dB
Min. Extinction Ratio (For F Type)	23	23	dB
Min. Extinction Ratio (For B Type)	18	18	dB
Operating Temperature	-5 to +70	-5 to +70	℃
Storage Temperature	-40 to +85	-40 to +85	℃
Package Dimensions	160 × 140 × 10	160 × 160 × 10	mm

*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.

B. Package Dimensions





C. Ordering Information

DL-PMFCM-TT-UUUU-VV-W-X-Y-Z-(1x4,1x8)

TT: Center Wavelength	UUUU: Configuration	VV: Splitting Ratio	W: Connector Type
06 - 1064 nm	0104 - 1 × 4	EV - Evenly splitted	1 - FC/UPC
SS - Specify	0108 - 1 × 8	SS - Specify (Only F Type)	2 - FC/APC
			3 - SC/UPC
			4 - SC/APC

X: Fiber Type	Y: Fiber Length	Z: Working Axis	N - None
B - 250 μm Panda fiber	H - 0.5 m	F - Fast axis blocked	
L - 900 μm loose tube	S - Specify	B - Both axes working	
S - Specify			