

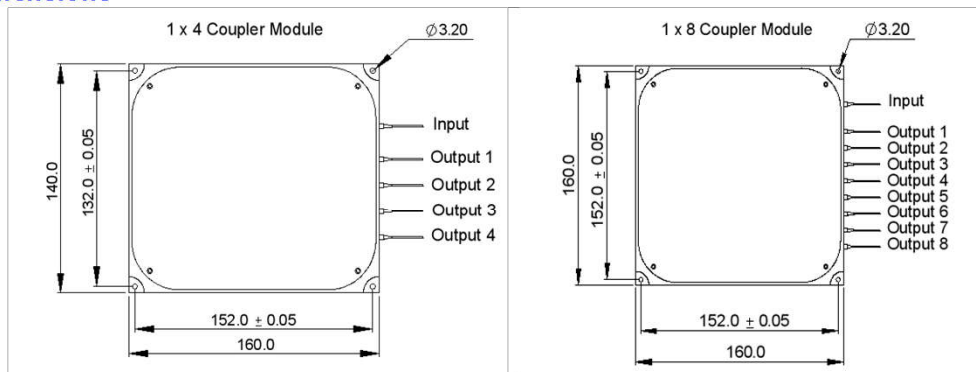
The PMFCM series is manufactured by using advanced technology to allow the input signal to be splitted into multi channels at a given splitting ratio with high extinction ratio, low excess loss, good uniformity, low WDL and low TD. It can be widely used in fiber sensors, amplifiers, lasers, etc.

Specifications

Parameter	Unit	1 × 4	1 × 8
Center Wavelength (λ_c)	nm	1064	1064
Operating Wavelength Range	nm	$\lambda_c \pm 30$	$\lambda_c \pm 30$
Insertion Loss	dB	≤ 7.7 , Typ. 7.4	≤ 11.5 , Typ. 11.2
Wavelength Dependent Loss	dB	≤ 0.5 , Typ. 0.3	≤ 0.5 , Typ. 0.3
Max. IL Uniformity	dB	0.8	1
Min. Return Loss	dB	50	50
Directivity	dB	50	45
Min. Extinction Ratio	dB	23	23
Fiber Type		PM Panda fiber	PM Panda fiber
Operating Temperature	$^{\circ}\text{C}$	-5 to +70	-5 to +70
Storage Temperature	$^{\circ}\text{C}$	-40 to +85	-40 to +85
Package Dimensions	mm	160 × 140 × 10	160 × 160 × 10

*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.

Package Dimensions



Ordering Information

PMFCM-①①-②②②②-③③-④-⑤-⑥-⑦

①①: Center Wavelength

②②②②: Configuration

③③: Splitting Ratio

④: Connector Type

06 - 1064 nm

0104 - 1 × 4

EV - Evenly splitted

1 - FC/UPC

SS - Specify

0108 - 1 × 8

SS - Specify

2 - FC/APC

3 - SC/UPC

4 - SC/APC

⑤: Fiber Type

⑥: Fiber Length

⑦: Working Axis

N - None

B - 250 μm Panda fiber

H - 0.5 m

F - Fast axis blocked

L - 900 μm loose tube

S - Specify

S - Specify



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L.