

Features

Low Excess Loss
Low WDL
Low Uniformity

Applications

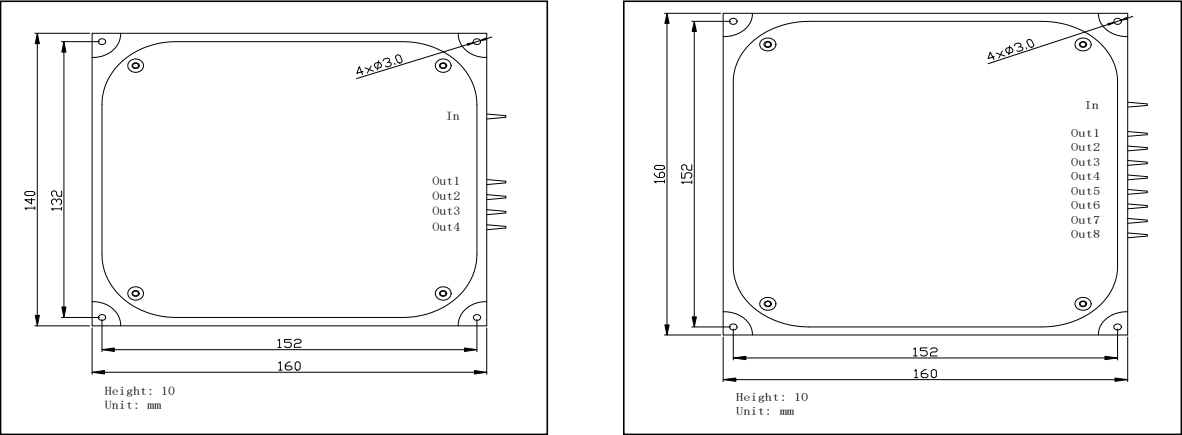
PM Sensors
Amplifiers
Lasers

Specifications

Parameters	Unit	1x4	1x8
Center Wavelength	nm	1030, 1064	
Operating Wavelength Range	nm	±20	
Insertion Loss	dB	≤8, Typ. 7.5	≤11.5, Typ. 11
Wavelength Dependent Loss	dB	≤0.5, Typ. 0.3	≤0.5, Typ. 0.3
Ports IL Uniformity	dB	≤0.8	≤1.0
Return Loss	dB	≥50	≥50
Directivity	dB	≥50	≥45
Extinction Ratio(only for B Type)	dB	≥20	≥17
Extinction Ratio(only for F Type)	dB	≥23	≥23
Temperature Dependent Loss	dB/°C	≤0.006	≤0.008
Fiber Type		PM Panda Fiber	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	
Package Dimensions	mm	160*140*10, or Specify	160*160*10, or Specify

*Above specifications are for module without connector.
*For modules with connectors, IL will be 0.5dB higher, RL will be 5dB lower and ER will be 2dB lower.
*The PM fiber and the connector key are aligned to the slow axis.

Package Dimensions



Ordering Information

PMFCM-①①-②②②②-③③-④-⑤-⑥-⑦-⑧-⑨⑨

- ①①: Center Wavelength
03 - 1030nm
06 - 1064nm
SS - Specify

②②②②: Potsrs Configuration
0104 - 1x4
0108 - 1x8

③③: Splitting Ratio
BA - Balance
SS - Specify
- ④: Working Axis
F - Fast Axis Blocked
B - Both Axis Working

⑤: Connector Type
1A - FC/UPC
2A - FC/APC
3D - SC/UPC
4D - SC/APC
N - None
S - Specify
- ⑥: Fiber Type
B - Bare Fiber
C - 900um Losse tube (Red)
D - 900um Losse tube (Blue)
R - 3mm Cable (Blue)
S - Specify

⑦: Fiber Length
0.5 - 0.5m
S - Specify
- ⑧: Fiber Type
4A - PM980 Fiber
S - Specify

⑨⑨: Package Dimensions
67 - 160x140x10mm
68 - 160x160x10mm
S - Specify

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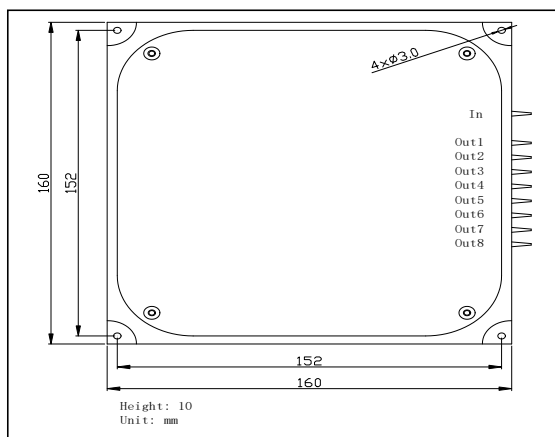
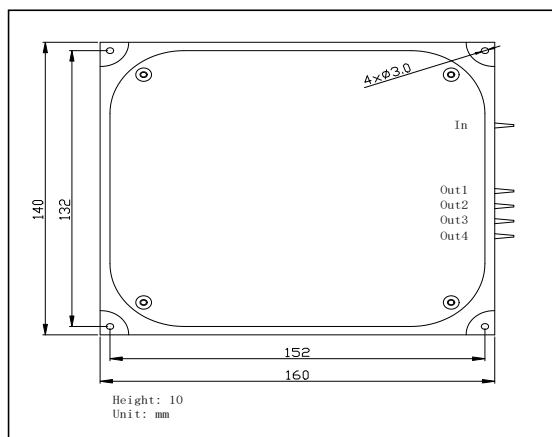
Parameters	Unit	1x4	1x8
Center Wavelength	nm	1310 or 1550	
Operating Wavelength Range	nm	±30	
Insertion Loss	dB	≤7.5, Typ. 7.0	≤11.0, Typ. 10.5
Wavelength Dependent Loss	dB	≤0.5, Typ. 0.3	≤0.5, Typ. 0.3
Ports IL Uniformity	dB	≤0.8	≤1.0
Return Loss	dB	≥50	≥50
Directivity	dB	≥50	≥45
Extinction Ratio(only for B Type)	dB	≥20	≥17
Extinction Ratio(only for F Type)	dB	≥23	≥23
Temperature Dependent Loss	dB/°C	≤0.006	≤0.008
Fiber Type		PM Panda Fiber	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	
Package Dimensions	mm	160*140*10, or Specify	160*160*10, or Specify

*Above specifications are for module without connector.

*For modules with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower.

*The PM fiber and the connector key are aligned to the slow axis.

Package Dimensions



Ordering Information

PMFCM-①①-②②②②-③③-④-⑤-⑥-⑦-⑧-⑨⑨

①①: Center Wavelength

31 - 1310nm

55 - 1550nm

SS - Specify

②②②②: Ports Configuration

0104 - 1x4

0108 - 1x8

③③: Splitting Ratio

BA - Balance

SS - Specify

④: Working Axis

F - Fast Axis Blocked

B - Both Axis Working

⑤: Connector Type

1A - FC/UPC

2A - FC/APC

3D - SC/UPC

4D - SC/APC

N - None

S - Specify

⑥: Fiber Type

B - Bare Fiber

C - 900um Losse tube (Red)

D - 900um Losse tube (Blue)

R - 3mm Cable (Blue)

S - Specify

⑦: Fiber Length

0.5 - 0.5m

S - Specify

⑧: Fiber Type

2A - PM1550 Fiber

3A - PM1310 Fiber

S - Specify

⑨⑨: Package Dimensions

67 - 160x140x10mm

68 - 160x160x10mm

S - Specify