PM Isolator 1064nm 300mW

Features:

- Low Insertion Loss
- High Power Handling
- High Isolation

Applications:

- Optical Fiber Amplifier
- Instruments
- Fiber Laser
- Sensor Systems

Specifications:

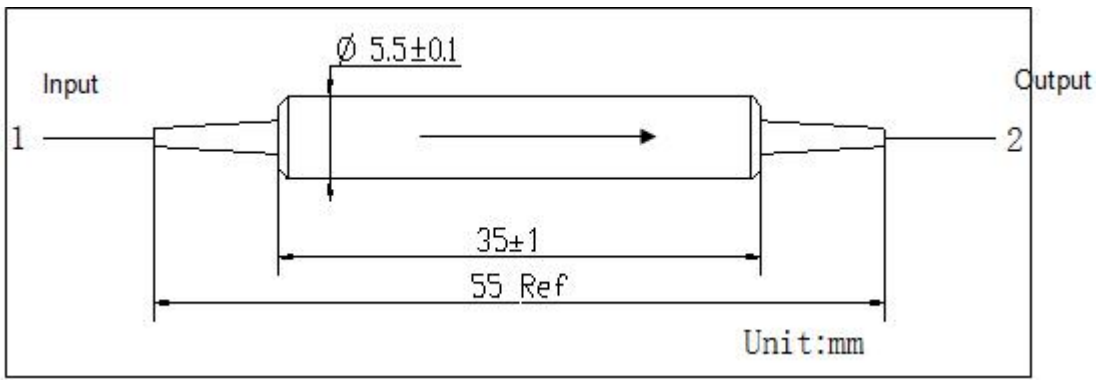
Parameters	Unit	Values			
Stage		Single Stage		Dual Stage	
Grade		Grade P	Grade A	Grade P	Grade A
Center Wavelength (λc)	nm	1064			
Typ. Peak Isolation	dB	40	38	55	52
Min. Isolation at 23℃	dB	35	32	45	42
Typ. Insertion Loss at 23℃	dB	1.5	1.6	2.4	2.6
Max. Insertion Loss at -5℃-50℃	dB	1.8	2.0	3.2	3.4
Min. Return Loss (Input/Output)	dB	55/50	55/50	55/50	55/50
Min. Extinction Ratio (only for B Type)	dB	20	18	20	18
Min. Extinction Ratio (only for F Type)	dB	23	23	23	23
Max. Optical Power (CW)	mW	300			
Max. Tensile Load	N	5			
Fiber Type		PM 980 Panda Fiber			
Operating Temperature	℃	-5 to +50			
Storage Temperature	℃	-40 to +85			

*Above specifications are for device without connector.

*For devices 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：

PMI-①①-②-③-④-⑤⑤-⑥⑥-⑦

①①: Wavelength
06 - 1064nm

②: Grade
P - Premium Grade
A - A Grade

③: Stage
S - Single Stage
D - Dual Stage

④: Axis Alignment
F - Fast Axis Blocked
B - Both Axis Working

⑤⑤: Connector Type on Port 1 & 2
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

⑥⑥: Fiber Jacket on Port 1 & 2
B - 250um Panda Fiber
L - 900um Loose Tube Panda Fiber
S - Specify

⑦: Fiber Length
0.8 - 0.8m
S - Specify