

PRODUCT INFORMATION SHEET

1064nm Polarization Maintaining Isolator (PMI Series)

The 1064nm Polarization Maintaining Isolator is a micro optics device with low insertion loss, high isolation, high return loss, high extinction ratio and excellent environmental stability and reliability. It is ideal for amplifiers, fiber lasers and test instruments application.



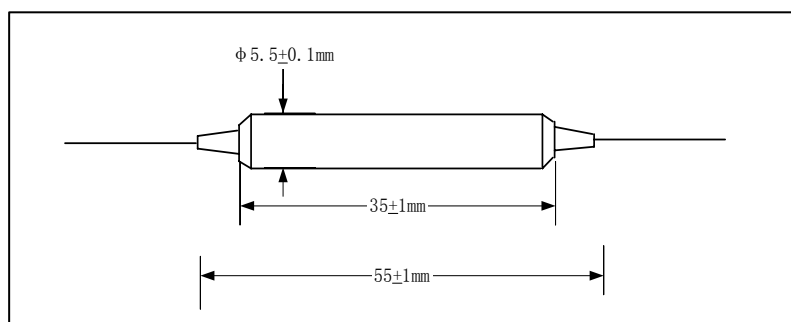
➤ Specifications

Parameters	Unit	Single Stage		Dual Stage	
		Grade P	Grade A	Grade P	Grade A
Center Wavelength (λ_c)	nm	1064			
Min. Extinction Ratio	dB	20	18	20	18
Typ. Peak Isolation	dB	38	36	55	52
Min. Isolation at 23°C; λ_c , all polarization states	dB	35	32	45	42
Typ. Insertion Loss at 23°C; λ_c , all polarization states	dB	1.5	1.6	2.4	2.6
Max. Insertion Loss at -5°C-70°C; λ_c , all polarization states	dB	2.0	2.2	3.4	3.6
Min. Return Loss (input/output)	dB	55 / 50	55 / 50	55/50	55/50
Max. Optical Power	mW	300			
Max. Tensile Load	N	5			
Fiber Type		PM 980 Panda Fiber or Specify			
Operating Temperature	°C	-5 to +70			
Storage Temperature	°C	-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.

➤ Package Dimensions



➤ Ordering Information

PMI-06-①-②-③-④-⑤

① Stage	② Grade	③ Connector Type	④ Fiber Type	⑤ Fiber Length
1-Single Stage	P - Premium grade	N - None	B - 250um Panda Fiber	Q - 0.75 m
2-Dual Stage	A - A grade	S - Specify	D - 400um Panda Fiber	S - Specify
			L - 900um loose tube Panda Fiber	

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S - Specify