



1060nm Polarization Maintaining Single Stage Isolator (PMI Series)

The 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.



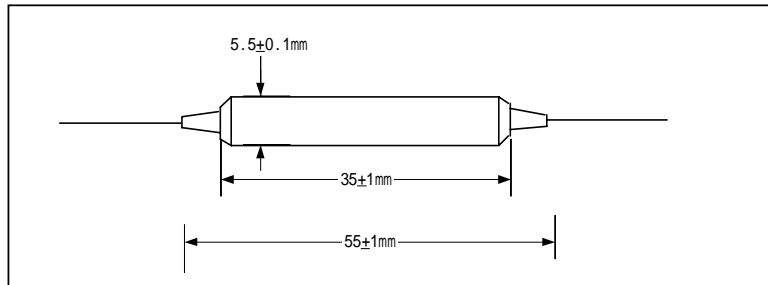
Specifications

Parameters	Unit	Grade P	Grade A
Center Wavelength (λ_c)	nm	1060	
Min. Extinction Ratio	dB	20	18
Typ. Peak Isolation	dB	38	36
Min. Isolation at 23° ; $\lambda_c \pm 15\text{nm}$, all polarization states	dB	32	30
Typ. Insertion Loss at 23° ; $\lambda_c \pm 20\text{nm}$, all polarization states	dB	1.5	1.6
Max. Insertion Loss at -5° -70° ; $\lambda_c \pm 20\text{nm}$, all polarization states	dB	2.0	2.2
Min. Return Loss (input/output)	dB	55 / 50	55 / 50
Max. Optical Power	mW	300	
Max. Tensile Load	N	5	
Fiber Type		Panda 980 Fiber or Specify	
Operation Temperature		-5 to +70	
Storage Temperature		-40 to +85	

*Above specification are for device without connector.

*For devices with connectors, insertion loss will be 0.3dB higher, RL will be 5dB lower, and ER will be 2dB lower.

Package Dimensions



Ordering Information

PMI-06- - - -

: Grade

P - Premium grade

A - A grade

: Fiber Type

B - 250 um panda fiber

D - 400 um panda fiber

L - 900 um loose tube panda fiber

S - Specify

: Connector type

1 - FC/UPC

2 - FC/APC

3 - SC/APC

4 - SC/UPC

S - Specify

N - None

: Fiber Length

Q - 0.75m

S - Specify

Remark: The PM fiber and the connector key are aligned to the slow axis