



## 532 nm Polarization Maintaining Isolator (PMI Series)

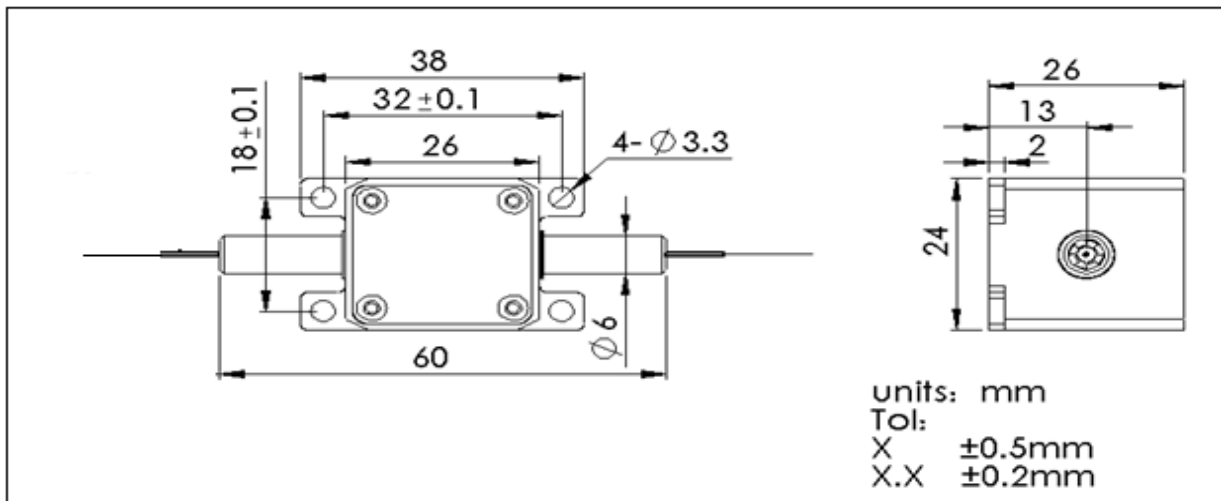
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The 532 nm Polarization Maintaining Isolator is a micro optics device with low insertion loss, high isolation, high return loss, high extinction ratio and excellent environmental stability and reliability. It is ideal for amplifiers, fiber lasers and test instrument applications.

### Specifications

Parameter	Unit	Value
Operating Wavelength ( $\lambda_c$ )	nm	532
Operating Wavelength Range	nm	$\lambda_c \pm 5$
Typ. Insertion Loss, $\lambda_c$ , 23 °C	dB	1.3
Max. Insertion Loss, $\lambda_c$ , 23 °C	dB	1.8
Min. Isolation, $\lambda_c$ , 23 °C	dB	25
Min. Extinction Ratio	dB	18
Min. Return Loss	dB	45
Max. Average Optical Power	mW	100
Max. Tensile Load	N	5
Fiber Type		Nufern PM S460 HP fiber
Operating Temperature	°C	10 to 45

### Package Dimensions



### Ordering Information

PMI-①①①-②-③-④-⑤

①①①: Wavelength	②: Connector Type	③: Fiber Jacket	④: Fiber Length	⑤: Working Axis
532 - 532 nm	N - None	B - 250 $\mu$ m bare fiber L - 900 $\mu$ m loose tube S - Specify	1 - 1.0 m Q - 0.75m S - Specify	F - Fast axis blocked