



638 nm Polarization Maintaining Isolator (PMI Series)

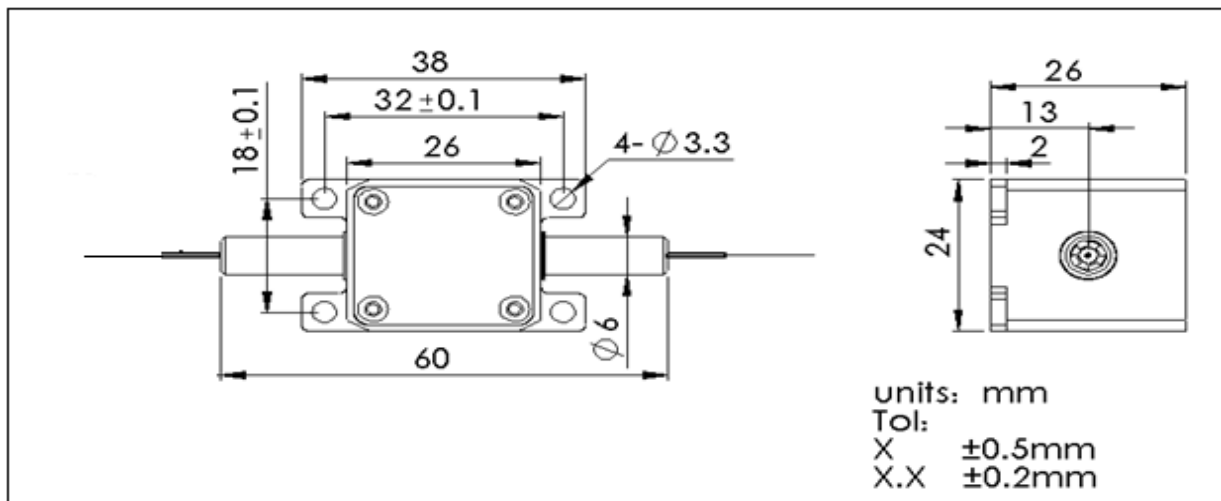
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The 638 nm Polarization Maintaining Isolator is a micro optics device with low insertion loss, high isolation, high return loss, high extinction ratio and excellent environmental stability and reliability. It is ideal for amplifiers, fiber lasers and test instrument applications.

Specifications

Parameter	Unit	Value
Operating Wavelength (λ_c)	nm	638
Operating Wavelength Range	nm	$\lambda_c \pm 5$
Typ. Insertion Loss, λ_c , 23 °C	dB	1.3
Max. Insertion Loss, λ_c , all temperature	dB	1.8
Min. Isolation, λ_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 630 HP fiber
Operating Temperature	°C	10 to 45

Package Dimensions



Ordering Information

PMI-①①①-②-③-④-⑤

①①①: Wavelength

638 - 638 nm

②: Connector Type

N - None

③: Fiber Jacket

B - 250 μ m bare fiberL - 900 μ m loose tube

S - Specify

④: Fiber Length

1 - 1.0 m

Q - 0.75m

S - Specify

⑤: Working Axis

F - Fast axis blocked

日本デバイス株式会社 E-mail sales@j-device.comwww.j-device.com

Tel 03-6262-3424 Fax 03-6800-5883