Advanced Fiber Resources (HK) Limited

488 nm Polarization Maintaining Isolator (PMI Series)

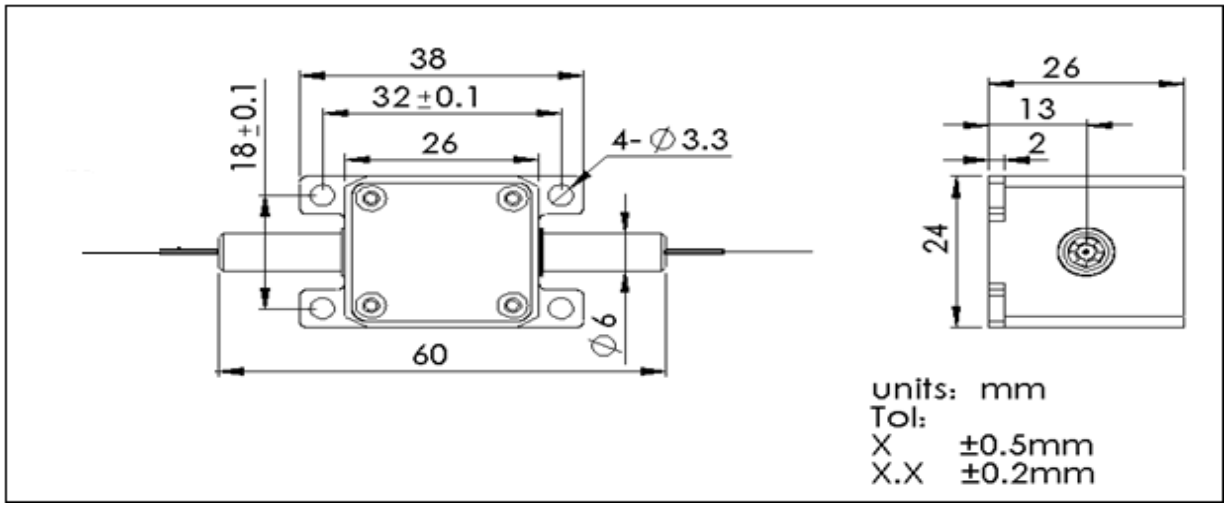
Spec. Review No.: SR20672 Date: May 18, 2020

The 488 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 (λc)	nm	488
Operating Wavelength Range	nm	λc ± 5
Typ. Insertion Loss, λc, 23 ℃	dB	1.3
Max. Insertion Loss, λc, all temperature	dB	1.8
Min. Isolation, λc, 23 ℃	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	℃	10 to 45

Package Dimensions



Ordering Information

PMI-①①①-②-③-④-⑤

①①①: Wavelength
488 - 488 nm

②: Connector Type
N - None

③: Fiber Jacket
B - 250 μm bare fiber
L - 900 μm loose tube
S - Specify

④: Fiber Length
1 - 1.0 m
Q - 0.75m
S - Specify

⑤: Working Axis
F - Fast axis blocked

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