High Power Dual Stage Polarization Maintaining Isolator (GK-HPMDI Series)

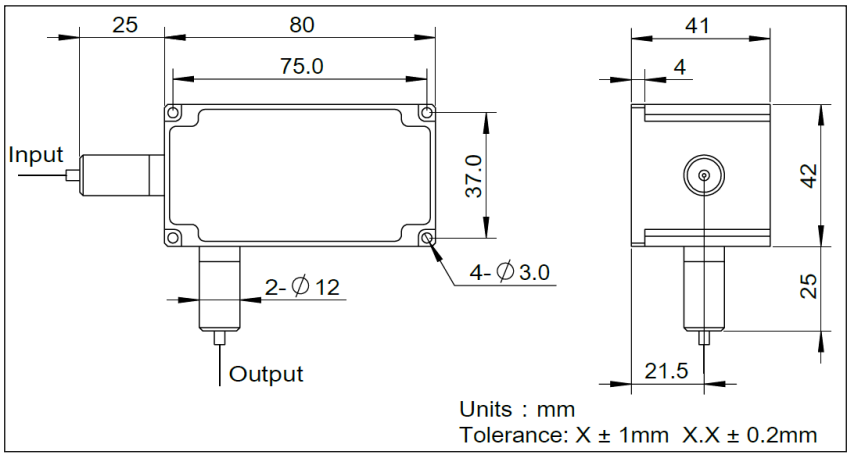
Description

The 1064 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
Center Wavelength (λc)	nm	1064
Operating Wavelength Range	nm	λc ± 10
Min. Extinction Ratio	dB	20
Typ. Insertion Loss, 23 ℃, λc	dB	0.8
Max. Insertion Loss, 23 ℃, λc	dB	1
Min. Isolation, 23 ℃, λc	dB	45
Min. Return Loss	dB	45
Max. Optical Power	W	10
Max. Peak Power for ns Pulse	kW	10
Fiber Type	-	PM 980 Fiber
Operating Temperature	℃	+ 10 to + 50
Storage Temperature	℃	0 to + 60

Package Dimensions



Ordering Information

GK-HPMDI-①-②-③-④-⑤-⑥-⑦-⑧

①: Wavelength

06 - 1064 nm

SS - Specify

②: Handling Power

01 - 1 W

03 - 3 W

05 - 5 W

SS - Specify

③: Connector Type

N - None

S - Specify

④: Fiber Jacket

B - 250 μm Bare Fibe

L - 900 μm Loose Tube

S - Specify

⑤: Fiber Length

1 - 1.0 m

S - Specify

⑥: Working Axis

F - Fast Axis Blocked

⑦: Fiber Type

1 - PM 980 Panda Fiber

2 - Nufern-FUD-3460 Fiber

3 - Nufern-PLMA-GDF-20/130-M

S - Specify

⑧: Power Type

P - Pulse Application

C - Continuous Wave