

1064nm 200W High-Power Polarization-Dependent Isolator



● Product Description

The 1064nm high-power polarization-insensitive isolator features low insertion loss, high isolation, high power handling, high return loss, and excellent environmental stability and reliability. It is an ideal choice for fiber lasers and instrument applications.

● Product features

Low insertion loss, high isolation, Compact size, High peak power

● Part Number

MP-ISO-F-1064-G-S-SA-1

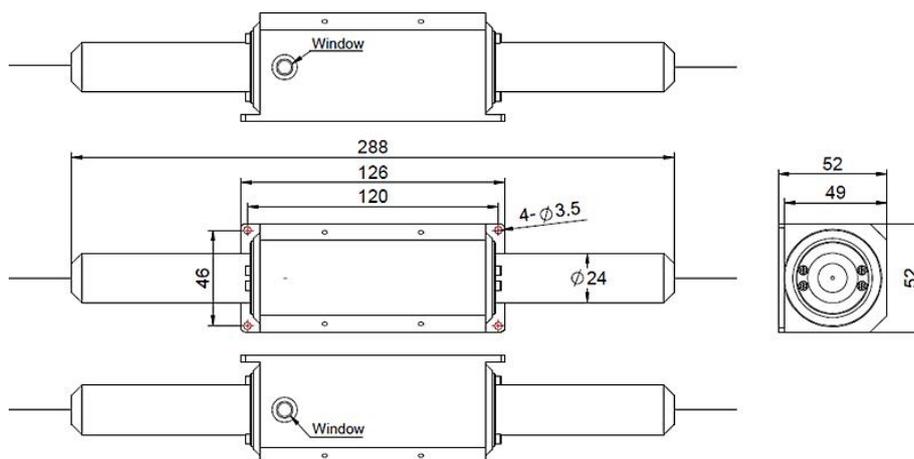
● Application area

Fiber Optic Sensing、 Ultrafast Pulse Laser、 Laser Communication

● Core parameters

Wavelength	Max.Reverse Optical Power
1064nm	200W

● Dimension Drawing





● General Parameters

Parameters

Specifications		
Center Wavelength (λ_c)	Unit	Value
Typ. Peak Isolation	nm	1064
Min. Isolation, λ_c , 23 °C	dB	32
Typ. Insertion Loss, 23 °C	dB	26
Max. Insertion Loss, 23 °C	dB	0.5
Max. Polarization Dependent Loss	dB	0.7
Min. Return Loss	dB	0.2
Max. Average Optical Power	dB	50
Max. Reverse Optical Power	W	200
Max. Peak Power for ns pulse	W	< 1
Fiber Type (input port)	kW	50
Operating Temperature		Specified by ordering info
Storage Temperature	°C	10 to +50
The Fiber is provided by customer.	°C	0 to +60



Ordering info

MP-ISO-F-①①-②-③③-④-⑤-⑥-⑦-⑧

①①: Operating Wavelength	06 - 1064 nm, SS - Specify
②②②: Operating Power	200 - 200 W, SS - Specify
③: Connector Type	N - None
④: Housing Type	B - Bare fiber, SS - Specify
⑤: Fiber Length	1 - 1.0 m, 2 - 2.0 m, SS - Specify
⑥: Fiber Type	1 - Nufern LMA-GDF-20/250-M NA0.76, 2 - Nufern LMA-GDF-20/400-M NA0.065, 3 - Nufern LMA-GDF-30/250-M NA0.062, SS - Specify
⑦: Operating Type	P - Pulse application, C - Continuous wave