



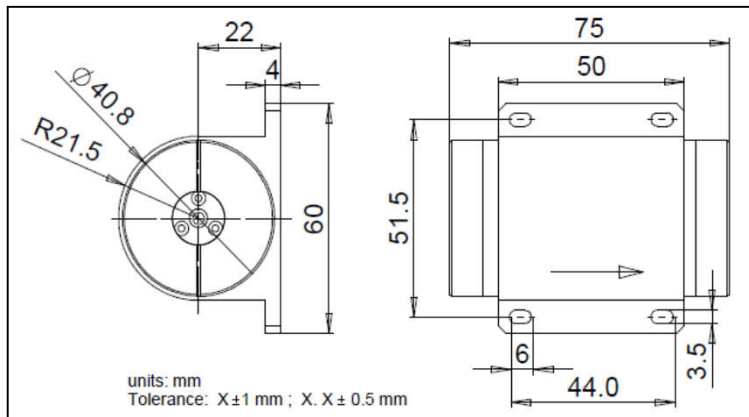
High Power Polarization Depend Free Space Isolator (HPDFSI Series)

The High Power Polarization Depend Free Space Isolator series is designed for preventing back reflection. The high isolation, low insertion loss and large aperture features make it flexible to fit different applications.

Specifications

Parameter	Unit	Value
Center Wavelength (λ_c)	nm	1064
Peak Isolation	dB	35
Min. Isolation, λ_c , 23 °C	dB	30
Min. Extinction Ratio	dB	20
Typ. Insertion Loss, λ_c , 23 °C	dB	0.40
Max. Insertion Loss, λ_c , 23 °C	dB	0.50
Rotation Angle, λ_c , 23 °C	deg	45 ± 3
Clear Aperture	mm	2 or 3
Max. Optical Power Density	W/cm ²	500
Max. Peak Power Density	J/cm ²	5
Polarization Plane of Output		As Indicated

Package Dimensions



Ordering Information

HPDFSI-①①-②-③-④-⑤

①①: Wavelength

06 - 1064 nm

SS - Specify

②: Clear Aperture

2 - Φ 2.0 mm

3 - Φ 3.0 mm

S - Specify

③: Input Polarization

V - Vertical

H - Horizontal

④: Working Axis

F - Fast axis blocked

⑤: Power Type

P - Pulse Application

C - Continuous Wave