



## High Power Polarization Depend Free Space Isolator

CLASS: Wavelength 780-1100nm optional

TYPE: Optical aperture 3/5/8/10mm optional

PRICE: Power 30-100W optional

Parameter	Unit	Value
Center Wavelength ( $\lambda_c$ )	nm	1030
Peak Isolation	dB	35
Min. Isolation, $\lambda_c$ , 23 °C	dB	30
Min. Extinction Ratio	dB	25
Typ. Insertion Loss, $\lambda_c$ , 23 °C	dB	0.3
Max. Insertion Loss, $\lambda_c$ , 23 °C	dB	0.4
Polarization Rotation Angle, $\lambda_c$ , 23 °C	deg	45 ± 2
Clear Aperture	mm	35
Max. Beam Diameter(100%)	mm	2.74.7
Max. Average Optical Power	W	100
Max. Peak Power Density	J/cm <sup>2</sup>	5