

Free-Space Isolator: Polarization-Dependent (1064nm)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter		Unit	Single Stage	Dual Stage
Center Wavelength		nm	1064	
Peak Isolation (23°C, All SOP)	Typ.	dB	36	50
Isolation, ($\lambda_c \pm 10$ nm, 23 °C)	Min	dB	28	40
Insertion Loss (λ_c , 23°C)	Typ.	dB	1.2	2.4
	Max	dB	1.5	2.6
Extinction Ratio	Min	dB	30	
Optical Power Handling	Max	W/cm2	10	
Operating Temperature		°C	-5 to 85	
Storage Temperature		°C	-40 to +85	

* SOP=State Of Polarization

Ordering Information

Contact Hengyan Photonics with your custom configuration needs.

FSI	Type	Stages Or Layers	Packaging	Wavelength	Clear Aperture	Package Dimension	Input Pol-Angle	Output Pol-Angle
FSI	PD=Polarization Dependent	S=Single Stage D=Dual Stage	N=Non-latched (with Magnet Ring)	10=1064nm X=Others	05=0.5mm 09=0.9mm 12=1.2mm X=Others	Contact us with your requirements	0=0 Degree 45=45 Degree 90=90 Degree N45=-45 Deg. N90=-90 Deg. X=Others	0=0 Degree 45=45 Degree 90=90 Degree N45=-45 Deg. N90=-90 Deg. X=Others

Package Dimensions

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