

Free-Space Isolator: Polarization-Dependent (1310, 1480, 1550, 1590nm)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter		Unit	Single Stage	Dual Stage
Center Wavelength		nm	1310, or 1480, or 1550, or 1590nm	
Peak Isolation (λ 23 °C)	Typ.	dB	40	55
Isolation (λ $\pm$ 20 nm 23 °C)	Min	dB	30	42
Insertion Loss (λ 23 °C)	Typ.	dB	0.2	0.3
	Max	dB	0.25	0.4
Extinction Ratio	Min	dB	30	
Optical Power Handling	Max	W/cm2	100	
Operating Temperature		°C	-5 to 85	
Storage Temperature		°C	-40 to +85	

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	N=Non-latched (with Magnet Ring)	13=1310nm	05=0.5mm	Contact us with your requirements	0=0 Degree	0=0 Degree
		D=Dual Stage	L=Latching (Without Magnet Ring)	14=1480nm	09=0.9mm		45=45 Degree	45=45 Degree
			LNH=Latching No Housing	15=1550nm	12=1.2mm		90=90 Degree	90=90 Degree
				159=1590nm	X=Others		N45=-45 Deg.	N45=-45 Deg.
				X=Others			N90=-90 Deg.	N90=-90 Deg.
							X=Others	X=Others

Package Dimensions

Contact Hengyan Photonics with your requirements.

