

Free-Space Isolator: (Core) Polarization-Independent (1064nm)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter	Unit	Single Stage	Dual Stage
Wavelength	nm	1064	
Peak Isolation	Typ. dB	38	52
Isolation ($\lambda_c \pm 20$ nm 23°C, All SOP)	Min dB	25	40
Insertion Loss(λ_c 23°C, All SOP)	Typ. dB	1.2	2.1
	Max dB	1.4	2.3
PDL	Max dB	0.05	
PMD	Max ps	0.1/0.25^	0.1
Optical Power Handling	Max W/cm2	10	
Operating Temperature	°C	-5 to 85	
Storage Temperature	°C	-40 to +85	

^ Max PMD is 0.25 for non-compensated single-stage parts.

Ordering Information

Contact Hengyan Photonics with your custom configuration needs.

FSI	Type	Stages Or Layers	Packaging	Wavelength	Clear Aperture	Package Dimension
FSI	PI=Polarization Independent	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

Package Dimensions

Contact us with your requirements.

