

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

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter	Unit	Single Stage	Dual Stage
Wavelength	nm	1310, or 1480, or 1550, or 1590nm	
Peak Isolation (23°C, All SOP)	Typ. dB	40	55
Isolation ($\lambda_c \pm 20$ nm 23°C, All SOP)	Min dB	30	45
Insertion Loss(λ_c 23°C, All SOP)	Typ. dB	0.2	0.3
	Max dB	0.3	0.4
PDL	Max dB	0.05	
PMD	Max ps	0.1/0.25^	0.1
Optical Power Handling	Max W/cm2	100	
Operating Temperature	°C	-5 to 85	
Storage Temperature	°C	-40 to +85	

* SOP=State Of Polarization

^ 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) L=Latching (Without Magnet Ring) LNH=Latching No-Housing	13=1310nm 14=1480nm 15=1550nm 159=1590nm X=Others	05=0.5mm 09=0.9mm 12=1.2mm X=Others	Contact us with your requirements

Package Dimensions

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