

FREE-SPACE ISOLATOR: POLARIZATION-DEPENDENT (1064nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter	Unit	Single Stage	Dual Stage
Wavelength	nm	1064±5nm	
Isolation (λ_c , 23°C)	Typ. dB	40	55
	Min dB	30	42
Insertion Loss (λ_c , 23°C)	Typ. dB	1.3	2.4
	Max dB	1.6	2.6
Extinction Ratio	Min dB	30	
Optical Power Handling	Max W/cm ²	10	
Operating Temperature	°C	-5 to 85	
Storage Temperature	°C	-40 to +85	

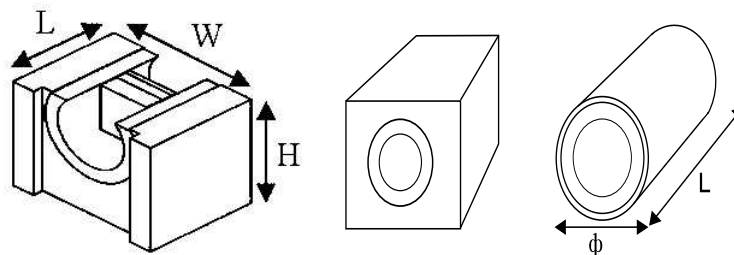
Ordering Information

Contact Ascentta 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)	10=1064nm	05=0.5mm	Contact us with your requirements	0=0 Degree	0=0 Degree
		D=Dual Stage		13=1310nm	09=0.9mm		45=45 Degree	45=45 Degree
		G=Garnet		14=1480nm	12=1.2mm		90=90 Degree	90=90 Degree
		P=Polarizer		15=1550nm	X=Others		N45=-45 Deg.	N45=-45 Deg.
		W=Waveplate				N90=-90 Deg.	N90=-90 Deg.	
		B=PBS						
		C=Power Splitter Cube		X=Others			X=Others	X=Others
		X=Others						

Package Dimensions

Contact us with your requirements.



Contact Ascentta for all your custom design needs.