

FREE-SPACE ISOLATOR: (CORE) POLARIZATION-INDEPENDENT (1310, 1480, 1550, 1590nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter			Unit	Single Stage	Dual Stage
Wavelength			nm	1310±20, or 1480±20, or 1550±20, or 1590±20nm	
Isolation	(λ_c , 23°C)	Typ.	dB	40	55
	(23°C)	Min	dB	30	45
Insertion Loss	(λ_c , 23°C)	Typ.	dB	0.2	0.3
	(23°C)	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/cm ²	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 Ascentta 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

Contact us with your requirements.

