

SINGLE-MODE POLARIZATION INSENSITIVE ISOLATOR (C+L Band)

Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Single Stage	Dual Stage	
Wavelength		nm	1530-1610		
Isolation (All SOP) (23°C)	Typ.	dB	32	50	
	Min	dB	28	40	
Insertion Loss (All SOP)	(23°C)	Typ.	dB	0.4	0.6
	(-5 to 70°C)	Max	dB	0.6	0.8
PDL		Max	dB	0.1	0.1
PMD		Max	ps	0.25*	0.05
Return Loss (Input/Output)		Min	dB	50	50
Optical Power Handling		mW	300		
Fiber Type		-	SMF-28		
Package Dimension		mm	Φ5.5 x L35		
Operating Temperature		°C	-5 to 70		
Storage Temperature		°C	-40 to 85		

* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & PDL.

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

* SOP=State Of Polarization

Ordering Information

Contact Ascentta with your custom configuration needs.

IS	Stages	Wavelength	Fiber Type	Fiber Length	Connector	Package
IS	S=single stage D=dual stage	CL=C+L Band X=Others	B=SMF-28 250um L=SMF-28 900um X=Others	10=1.0m 15=1.5m 20=2.0m 30=3.0m X=Others	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC X=Others	Blank = Standard (Φ5.5 x L35) X=Others

Package Dimensions

