

SINGLE-MODE POLARIZATION INSENSITIVE ISOLATOR (1064nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter			Unit	Single Stage	Dual Stage
Wavelength			nm	1064±5	1064±5
Isolation (All SOP)	(λ_c , 23°C)	Typ.	dB	40	55
	(23°C)	Min	dB	28	42
Insertion Loss (All SOP)	(λ_c , 23°C)	Typ.	dB	1.8	3.0
	(23°C)	Max	dB	2.2	3.4
PDL			Max	dB	0.15
PMD			Max	ps	0.05
Return Loss (Input/Output)			Min	dB	50
Optical Power Handling			mW	150	
Fiber Type			-	Hi 1060	
Package Dimension			mm	Φ5.5 x L35	
Operation 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.

* 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	10=1064nm	B=SMF-28 250um L=SMF-28 900um H1=HI-1060	10=1.0m 15=1.5m 20=2.0m 30=3.0m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC	Blank = Standard (Φ5.5 x L35)
		X=Others	X=Others	X=Others	X=Others	X=Others

Package Dimensions

