

## HIGH POWER 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)	( $\lambda_c$ , 23°C)	Typ.	dB	40	55
	(23°C)	Min	dB	28	42
Insertion Loss (All SOP)	( $\lambda_c$ , 23°C)	Typ.	dB	1.8	3.0
	(23°C)	Max	dB	2.4	3.6
PDL		Max	dB	0.1	0.1
PMD		Max	ps	0.10/0.25*	0.10
Return Loss (Input/Output)		Min	dB	55/55	55/55
Optical Power Handling		Max	W	2 or 5 or others	
Fiber Type			-	HI 1060	
Package Dimension			mm	Φ5.5 x L35	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.

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

\* SOP=State Of Polarization

### Ordering Information

Contact Ascentta with your custom configuration needs.

HIS	Stages	Wavelength	Fiber Type	Fiber Length	Connector	Max. Power Handling
HIS	S=Single Stage D=Dual Stage	10=1064nm	HB=Hi 1060 HL= Hi 1060 900um	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	2W=2000mW 5W=5000mW
		X=Others	X=Others	X=Others	X=Others	X=Others

### Package Dimensions

