

## HIGH POWER SINGLE-MODE POLARIZATION INSENSITIVE ISOLATOR (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±20	
Isolation (All SOP)	Peak	dB	40	50
	( $\lambda_c$ , 23°C)	Min dB	32	45
	(23°C)	Min dB	30	44
Insertion Loss (All SOP)	(23°C)	Typ. dB	0.6	0.9
	(-5°C to 70°C)	Max dB	0.7	1.0
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
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.

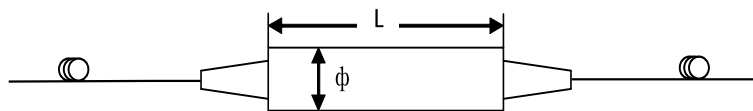
\* SOP=State Of Polarization

### Ordering Information

Contact Ascentta with your custom configuration needs.

HIS	Stages	Wavelength	Fiber Type	Fiber Length	Connector	Max. Power Handling
HIS	S=Single Stage	10=1064nm	B=SMF-28 250um	10=1.0m	NE=None	2W=2000mW
	D=Dual Stage	13=1310nm	L=SMF-28 900um	15=1.5m	FA=FC/APC	5W=5000mW
		14=1480nm	HI=Hi 1060	20=2.0m	FC=FC/PC	
		15=1550nm	X=Others	30=3.0m	SA=SC/APC	X=Others
		159=1590nm			SC=SC/PC	
					ST=ST/PC	
				LA=LC/APC		
				LC=LC/PC		
		X=Others			X=Others	

### Package Dimensions



Contact Ascentta for all your custom design needs.