

## SINGLE-MODE POLARIZATION INSENSITIVE ISOLATOR ARRAY

(1310, 1480, 1550, 1590nm)

### Specifications

Contact Ascentta with your custom specification needs.

Parameter			Unit	2 x 2	3 x 3	
Wavelength			nm	1310±20, or 1480±20, or 1550±20, or 1590±20		
Isolation (All SOP)	( $\lambda_c$ , 23°C)	Typ.	dB	30		
	(23°C)	Min	dB	25		
Insertion Loss (All SOP)	( $\lambda_c$ , 23°C)	Typ.	dB	0.6	1.1	
	(23°C)	Max	dB	0.8	1.4	
PDL			Max	dB	0.1	0.15
PMD			Max	ps	0.1/0.25*	
Return Loss (Input/Output)			Min	dB	55/55	
Optical Power Handling				mW	300	
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.

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

\* SOP=State Of Polarization

### Ordering Information

Contact Ascentta with your custom configuration needs.

ISA	# of Channels	Stages	Wavelength	Fiber Type	Fiber Length	Connector
ISA	2=2	S=single stage	13=1310nm	B=SMF-28 250um	10=1.0m	NE=None
	3=3		14=1480nm	L=SMF-28 900um	15=1.5m	FA=FC/APC
			15=1550nm	X=Others	20=2.0m	FC=FC/PC
			159=1590nm		30=3.0m	SA=SC/APC
				X=Others	SC=SC/PC	
						ST=ST/PC
						LA=LC/APC
						LC=LC/PC
						X=Others

### Package Dimensions

