

SINGLE-MODE POLARIZATION INSENSITIVE ISOLATOR ARRAY (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)	(λ_c , 23°C)	Typ.	dB	40	55
	(23°C)	Min	dB	30	45
Insertion Loss (All SOP)	(λ_c , 23°C)	Typ.	dB	0.4	0.5
	(23°C)	Max	dB	0.6	0.7
PDL		Max	dB	0.1	0.1
PMD		Max	ps	0.1/0.25*	0.1
Return Loss (Input/Output)		Min	dB	55/55	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.

IS	Array	Stages	Wavelength	Fiber Type	Fiber Length	Connector
AIS	2=2x2 3=3x3 4=4x4	S=single stage D=dual stage	13=1310nm 14=1480nm 15=1550nm 159=1590nm	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
	X=Others		X=Others	X=Others	X=Others	

Package Dimensions

