

## MULTI-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)	( $\lambda_c$ , 23°C)	Typ.	dB	40	50
	(23°C)	Min	dB	30	45
Insertion Loss (All SOP)	( $\lambda_c$ , 23°C)	Typ.	dB	0.4	0.5
	(23°C)	Max	dB	0.6	0.7
PDL			Max	0.15	
PMD			Max	0.1/0.25*	0.05
Return Loss (Input/Output)			Min	40/40	
Optical Power Handling			Max	300	
Package Dimension			mm	Φ5.5 x L60	
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.

\*Above specifications are measured in low order modes

\* SOP=State Of Polarization

### Ordering Information

Contact Ascentta with your custom configuration needs.

MMIS	Type	Wavelength	Fiber	Cable Type	Fiber Length	Connector
MMIS	S=Single Stage	13=1310nm	M6=62.5/125um	B=250um	10=1.0m	NE=None
	D=Dual Stage	14=1480nm	M5=50/125um	L=900um	15=1.5m	FA=FC/APC
		15=1550nm		H=3mm	20=2.0m	FC=FC/PC
		159=1590nm			30=3.0m	SA=SC/APC
		X=Others		X=Others	X=Others	SC=SC/PC
						ST=ST/PC
						LA=LC/APC
						LC=LC/PC
						X=Others

### Package Dimensions

