

## 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)	Peak	dB	40	50
	( $\lambda_c$ , 23°C)	Min dB	32	42
	(23°C)	Min dB	30	42
Insertion Loss (All SOP)	(23°C)	Typ. dB	0.4	0.5
	(-5°C-70°C)	Max dB	0.5	0.6
PDL		Max dB	0.15	
PMD		Max ps	0.1/0.25*	0.05
Return Loss (Input/Output)		Min dB	40/40	
Optical Power Handling		Max 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.

\*Above specifications are measured in low order modes

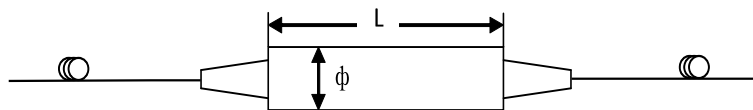
\* SOP=State Of Polarization

### Ordering Information

Contact Ascentta with your custom configuration needs.

MMIS	Type	Wavelength	Fiber	Cable Type	Fiber Length	Connector
MMIS	S=Single Stage	10=1064nm	M6=62.5/125um	B=250um	10=1.0m	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
	D=Dual Stage	13=1310nm	M5=50/125um	L=900um	15=1.5m	
		14=1480nm		H=3mm	20=2.0m	
		15=1550nm	X=Others		30=3.0m	
		159=1590nm		X=Others	X=Others	
		X=Others				

### Package Dimensions



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## MULTI-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)	Peak	dB	40	50
	( $\lambda_c$ , 23°C)	Min	32	42
Insertion Loss (All SOP)	( $\lambda_c$ , 23°C)	Typ.	1.5	2.4
	( $\lambda_c$ , -5°C to 70°C)	Max	1.8	2.6
PDL		Max	0.15	
Return Loss (Input/Output)		Min	40/40	
Optical Power Handling		Max	300	
Package Dimension		mm	Φ5.5 x L35	
Operation Temperature		°C	-5 to 70	
Storage Temperature		°C	-40 to 85	

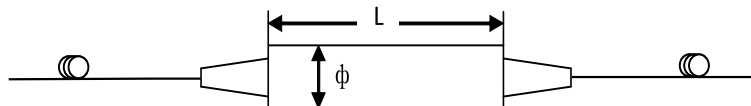
- \* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & PDL.
- \* Above specifications are measured in low order modes
- \* SOP=State Of Polarization

### Ordering Information

Contact Ascentta with your custom configuration needs.

MMIS	Type	Wavelength	Fiber	Cable Type	Fiber Length	Connector
MMIS	S=Single Stage	10=1064nm	M6=62.5/125um	B=250um	10=1.0m	NE=None
	D=Dual Stage	13=1310nm	M5=50/125um	L=900um	15=1.5m	FA=FC/APC
		14=1480nm		H=3mm	20=2.0m	FC=FC/PC
		15=1550nm	X=Others		30=3.0m	SA=SC/APC
		159=1590nm		X=Others	X=Others	SC=SC/PC
	X=Others					ST=ST/PC
						LA=LC/APC
						LC=LC/PC
						X=Others

### Package Dimensions



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