

## POLARIZATION MAINTAINING (PM) ISOLATOR (C+L Band)

### Specifications

Contact Ascentta with your custom specification needs.

Parameter			Unit	Single Stage	Dual Stage
Wavelength			nm	1530-1610	
Isolation	$(\lambda_c, 23^\circ\text{C})$	Typ.	dB	40	55
	$(23^\circ\text{C})$	Min	dB	28	40
Insertion Loss	$(\lambda_c, 23^\circ\text{C})$	Typ.	dB	0.5	0.6
	$(23^\circ\text{C})$	Max	dB	0.7	0.8
Return Loss (Input/Output) (1570nm, 23°C)			Min	55/50	55/50
Extinction Ratio (1570nm, 23°C)			Min	20	20
Optical Power Handling			mW	300	
Package Dimension			mm	$\Phi 5.5 \times L35$	
Operation Temperature			°C	0 to 60 (-5 to 70)	
Storage Temperature			°C	-5 to 60 (-40 to 85)	

\* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & ER.

\* Connector key is aligned to slow axis.

### Ordering Information

Contact Ascentta with your custom configuration needs.

PMIS	Stages	Wavelength	Working Axis	Fiber Type	Fiber Length	Connector
PMIS	S=single stage D=dual stage	CL=C+L band X=Others	B=Both axes S=Slow axis only (Fast axis blocked)	PMB=PM Panda, 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
	PMO=PM Panda, 400um			15=1.5m		
				PML= PM Panda, 900um	20=2.0m	
				X=Others	30=3.0m	
					X=Others	

### Package Dimensions

