

## POLARIZATION MAINTAINING (PM) ISOLATOR (1080nm)

### Specifications

Contact Ascentta with your custom specification needs.

Parameter			Unit	Single Stage	Dual Stage
Wavelength			nm	1080±10	
Isolation	$(\lambda_c, 23^\circ\text{C})$	Typ.	dB	40	55
		Min	dB	30	40
Insertion Loss	$(\lambda_c, 23^\circ\text{C})$	Typ.	dB	1.5	2.4
		Max	dB	2.0	3.4
Return Loss (Input/Output)			Min	50/50	50/50
Extinction Ratio			Min	20	20
Optical Power Handling			mW	300	
Fiber Type			-	PM 980 Panda or Specify	
Package Dimension			mm	Φ5.5 x L35	
Operation Temperature			°C	0 to 60(-5 to 50)	
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	1080=1080nm X=Others	B=Both axes S=Slow axis only (Fast axis blocked)	PMB=PM Panda, 250um PMO=PM Panda, 400um PML= PM Panda, 900um PM9=PM 980 Panda  X=Others	10=1.0m 15=1.5m 20=2.0m 30=3.0m  X=Others	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

### Package Dimensions

