

## POLARIZATION MAINTAINING (PM) ISOLATOR (2000nm)

### Specifications

Contact Ascentta with your custom specification needs.

Parameter			Unit	Single Stage	Dual Stage
Wavelength			nm	2000±30	
Isolation	( $\lambda_c$ , 23°C)	Typ.	dB	20	40
	(23°C)	Min	dB	16	35
Insertion Loss	( $\lambda_c$ , 23°C)	Typ.	dB	1.1	1.3
	(23°C)	Max	dB	1.3	1.5
Return Loss (Input/Output)			Min	50/50	
Extinction Ratio			Min	18	
Optical Power Handling			Max	1, or 2	
Peak Power for ns Pulse			Max	10	
Package Dimension			mm	Φ5.5 x L35	
Operation Temperature			°C	0 to 60	
Storage Temperature			°C	-5 to 60	

- \* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & ER.
- \* Adding connectors limits power to 1W.
- \* 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	Power	Power Type
PMIS	S=single stage	20=2000nm	B=Both axes	PMB=PM 1550	10=1.0m	NE=None	1W=1W	Pulse = Pulse CW=Continuous Wave
	D=dual stage	X=Others	S=Slow axis only (Fast axis blocked)	Panda, 250um	15=1.5m	FA=FC/APC	2W=2W	
				PMO=PM 1550	20=2.0m	FC=FC/PC		
				Panda, 400um	30=3.0m	SA=SC/APC		
				PML= PM 1550		SC=SC/PC		
				Panda, 900um	X=Others	ST=ST/PC		
				X=Others		LA=LC/APC		
						LC=LC/PC		
						X=Others		

### Package Dimensions

