

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

### Specifications

Contact Ascentta with your custom specification needs.

Parameter	Unit	Single Stage	Dual Stage
Wavelength	nm	1080	
Peak Isolation ( $\lambda_c$ )	dB	35	52
Isolation ( $\lambda_c$ , 23°C)	Min dB	32	42
Insertion Loss (23°C)	Typ. dB	1.5	2.4
Insertion Loss ( $\lambda_c$ , -5~50C)	Max dB	2.0	3.4
Return Loss (Input/Output)	Min dB	50/50	50/50
Extinction Ratio	Min dB	20	20
Optical Power Handling	mW	300	
Fiber Type	-	PM 980 Panda or Specify	
Package Dimension	mm	$\Phi 5.5 \times L35$	
Operation Temperature	°C	-5 to 50	
Storage Temperature	°C	-40 to 85	

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

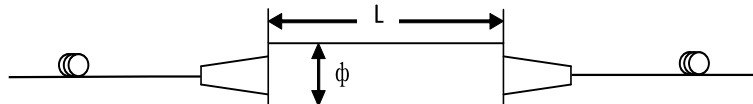
\* Connector key is aligned to slow axis.

### Ordering Information

Contact Ascentta with your custom configuration needs.

PMIS	Stages	Wavelength	Working Axis	Fiber Type	Fiber Length	Connector
PMIS	S=single stage	10=1064nm	B=Both axes	PMB=PM Panda, 250um	10=1.0m	NE=None
	D=dual stage	1080=1080nm	S=Slow axis only (Fast axis blocked)	PMO=PM Panda, 400um	15=1.5m	FA=FC/APC
		13=1310nm		PML= PM Panda, 900um	20=2.0m	FC=FC/PC
		14=1480nm		PM9=PM 980 Panda	30=3.0m	SA=SC/APC
		15=1550nm				SC=SC/PC
		159=1590nm		X=Others	X=Others	ST=ST/PC
		CL=C+L band				LA=LC/APC
		X=Others				LC=LC/PC
						X=Others

### Package Dimensions



Contact Ascentta for all your custom design needs.