

POLARIZATION MAINTAINING (PM) ISOLATOR (1064nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Single Stage	Dual Stage
Wavelength		nm	1064	
Peak Isolation (λ_c)		dB	38	55
Isolation (λ_c , 23°C)	Min	dB	35	45
Insertion Loss (23°C)	Typ.	dB	1.5	2.4
Insertion Loss (-5~+50°C)	Max	dB	2.0	3.4
Return Loss (Input/Output)	Min	dB	55/50	55/50
Extinction Ratio	Min	dB	20	20
Optical Power Handling		mW	300	
Fiber Type		-	PM 980 Panda	
Package Dimension		mm	Φ5.5 x 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.

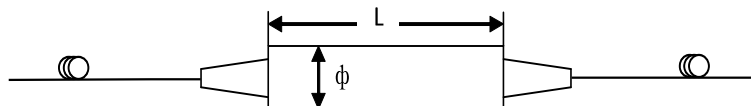
* Connector key is aligned to slow axis.

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.