

POLARIZATION MAINTAINING (PM) ISOLATOR (1310, 1480, 1550nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter	Unit	Single Stage	Dual Stage
Wavelength	nm	1310±20, or 1480±20, or 1550±20	
Peak Isolation (λc)	dB	42	58
Isolation ($\lambda c \pm 10, 23^\circ C$)	Min dB	30	46
Insertion Loss ($23^\circ C$)	Typ. dB	0.4	0.5
Insertion Loss ($\lambda c \pm 20, -5 \sim +70^\circ C$)	Max dB	0.6	0.7
Return Loss (Input/Output)	Min dB	55/50	55/50
Extinction Ratio (Both axes/Slow axis only)	Min dB	20/25	20/25
Optical Power Handling	mW	300	
Package Dimension	mm	$\Phi 5.5 \times L35$	
Operation Temperature	$^\circ C$	-5 to 70	
Storage Temperature	$^\circ C$	-40 to 85	

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

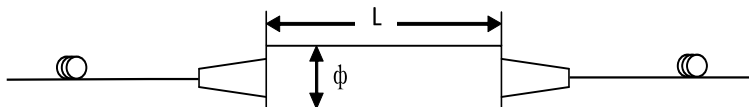
* Connector key is aligned to slow axis.

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
						LC=LC/PC
		X=Others				X=Others

Package Dimensions



Contact Ascentta for all your custom design needs.