

POLARIZATION MAINTAINING (PM) ISOLATOR (1310, 1480, 1550, 1590nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter			Unit	Single Stage	Dual Stage
Wavelength			nm	1310±20, or 1480±20, or 1550±20, or 1590±20	
Isolation	(λ_c , 23°C)	Typ.	dB	40	55
	(23°C)	Min	dB	30	45
Insertion	(λ_c , 23°C)	Typ.	dB	0.4	0.5
	(23°C)	Max	dB	0.6	0.7
Return Loss (Input/Output)			Min	55/50	55/50
Extinction Ratio (Both axes/Slow axis only)			Min	20/25	20/25
Optical Power Handling			mW	300	
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.

* 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	13=1310nm	B=Both axes	PMB=PM Panda, 250um	10=1.0m	NE=None
	D=dual stage	14=1480nm	S=Slow axis only (Fast axis blocked)	PMO=PM Panda, 400um	15=1.5m	FA=FC/APC
		15=1550nm		PML= PM Panda, 900um	20=2.0m	FC=FC/PC
		159=1590nm		X=Others	X=Others	30=3.0m
X=Others	X=Others	X=Others	ST=ST/PC			
						LA=LC/APC
						LC=LC/PC
						X=Others

Package Dimensions

