

Polarization Maintaining (PM) Isolator (2000nm)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter				Unit	Single Stage	Dual Stage
Wavelength				nm	2000±20	
Isolation	(λ_c , 23°C)	Typ.		dB	20	40
	(23°C)	Min		dB	16	35
Insertion Loss	(λ_c , 23°C)	Typ.		dB	0.8	1.0
	(23°C)	Max		dB	1.2	1.4
Return Loss (Input/Output)			Min	dB	50/50	
Extinction Ratio (Both axes/Slow axis only)			Min	dB	18/20	
Optical Power Handling (Continuous Wave)			Max	W	2 or 5	
Fiber Type				-	PM 1550 or PM 1950	
Package Dimension				mm	Φ5.5 x L35	
Operation Temperature				°C	-5 to 70	
Storage Temperature				°C	-40 to 85	

* 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 Hengyan Photonics with your custom configuration needs.

PMIS	Stages	Wavelength	Working Axis	Fiber Type	Fiber Length	Connector	Power
PMIS	S=single stage D=dual stage	20=2000nm X=Others	B=Both axes S=Slow axis only (Fast axis blocked)	PMB=PM 1950 Panda, 250um PML= PM 1950 Panda, 900um X=Others	10=1.0m 15=1.5m 20=2.0m 30=3.0m X=Others	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC X=Others	2W=2W 5W=5W

Package Dimensions

