

Polarization Maintaining (PM) Isolator (1064nm)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter		Unit	Single Stage	Dual Stage
Wavelength		nm	1064	
Peak Isolation (23°C)	Typ.	dB	38	55
Isolation (λ 23°C $\leq$ 30mW)	Min	dB	30	42
Insertion Loss (λ 23°C)	Typ.	dB	1.8	2.6
	Max	dB	2.2	3.4
Return Loss (Input/Output)	Min	dB	55/50	55/50
Extinction Ratio (λ 23°C)	Min	dB	20	20
Optical Power Handling		mW	150	
Fiber Type		-	PM 980 Panda	
Package Dimension		mm	Φ 5.5 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 Hengyan Photonics with your custom configuration needs.

PMIS	Stages	Wavelength	Working Axis	Fiber Type	Fiber Length	Connector
PMIS	S=single stage D=dual stage	10=1064nm X=Others	B=Both axes S=Slow axis only (Fast axis blocked)	PMB=PM Panda, 250um PMO=PM Panda, 400um PML= PM Panda, 900um PM9=PM 980 Panda 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 LA=LC/APC LC=LC/PC X=Others

Package Dimensions

