

Polarization Maintaining (PM) Isolator (C+L Band)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter			Unit	Single Stage	Dual Stage
Wavelength			nm	1530-1610	
Isolation	$(\lambda_c, 23^{\circ}\text{C})$	Typ.	dB	40	55
	(23°C)	Min	dB	28	40
Insertion Loss	$(\lambda_c, 23^{\circ}\text{C})$	Typ.	dB	0.5	0.6
	(23°C)	Max	dB	0.7	0.8
Return Loss (Input/Output) (1570nm, 23°C)			Min	dB	55/50
Extinction Ratio (Both axes/Slow axis only) (1570nm)			Min	dB	18/25
Optical Power Handling			mW	300	
Fiber Type			-	PM 1550	
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.

* 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	CL=C+L band X=Others	B=Both axes S=Slow axis only (Fast axis blocked)	PMB=PM Panda, 250um PML=PM 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

Package Dimensions

