

Polarization Maintaining (PM) 3-Port Optical Circulator (1310, 1480, 1550, or 1590nm)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter			Unit	Single-Stage	Dual-Stage
Wavelength			nm	1310, or 1480, or 1550, or 1590	
Bandwidth			nm	±10	±20
Transmitting Direction			-	1→2, 2→3	
Isolation (2→1, or 3→2)	(λ_c , 23°C)	Typ.	dB	35	48
	(23°C)	Min	dB	30	40
Insertion Loss (1→2, or 2→3)	(λ_c , 23°C)	Typ.	dB	0.6	0.8
	(23°C)	Max	dB	0.8	1.0
Extinction Ratio		Min	dB	22 (slow axis only)	18 (both axes) / 22 (slow axis only)
Return Loss		Min	dB	50	
Directivity (1→3, or 3→1)		Min	dB	50	
Optical Power Handling		Max	mW	300	
Package Dimension			mm	Φ5.5 x L35	Φ5.5 x L38
Operating 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.

PM CIR	Port	Stages	Wavelength	Working Axis	Fiber Type	Fiber Length	Connector
PM CIR	3=3-Port	S=Single D=Dual	13=1310nm 14=1480nm 15=1550nm 159=1590nm 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

* Single-Stage only available with slow axis working.

Package Dimensions

