

Polarization Maintaining (PM) 3-Port Optical Circulator (C+L Band)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter		Unit	Single-Stage	Dual Stage
Wavelength		nm	1520-1610	
Transmitting Direction		-	1→2, 2→3	
Isolation (23°C) (2→1, or 3→2)	Peak	dB	35	48
	Min	dB	18	35
Insertion Loss (1→2, or 2→3)	Typ.	dB	0.8	0.9
	Max	dB	1.0	1.1
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	Fiber Type	Fiber Length	Connector
PM CIR	3=3-Port	S=Single D=Dual	CL=C+L Band X=Others	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

