

POLARIZATION MAINTAINING (PM) 3-PORT OPTICAL CIRCULATOR (C+L BAND)

Specifications

Contact Ascentta 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	40	52
	Min	dB	18	35
Insertion Loss (23°C) (1→2, or 2→3)	Typ.	dB	1.1	0.9
	Max	dB	1.0	1.1
Extinction Ratio	Min	dB	20	22
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	
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.

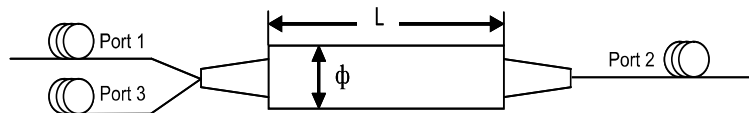
* Connector key is aligned to slow axis.

Ordering Information

Contact Ascentta with your custom configuration needs.

PM CIR	Port	Stages	Wavelength	Fiber Type	Fiber Length	Connector
PM CIR	3=3-Port	S=Single	10=1064nm	PMB=PM Panda 250um	10=1.0m	NE=None
	4=4-Port	D=Dual	13=1310nm	PMO=PM Panda 400um	15=1.5m	FA=FC/APC
	5=5-Port		14=1480nm	PML= PM Panda 900um	20=2.0m	FC=FC/PC
	6=6-Port		15=1550nm		30=3.0m	SA=SC/APC
	7=7-Port		159=1590nm	X=Others		SC=SC/PC
	8=8-Port		CL=C+L Band			ST=ST/PC
			1625=1625nm		X=Others	LA=LC/APC
		X=Others			LC=LC/PC	X=Others

Package Dimensions



Contact Ascentta for all your custom design needs.