

POLARIZATION MAINTAINING (PM) N-PORT OPTICAL CIRCULATOR (1310, 1480, 1550, or 1590nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Single-Stage	Dual-Stage
Wavelength		nm	1310, or 1480, or 1550, or 1590	
Bandwidth		nm	±20	±30
Transmitting Direction		-	1→2, 2→3, ... N-1→N	
Isolation (23°C) (2→1, or 3→2, ... N→N-1)	Peak	dB	40	52
	Min	dB	20	40
Insertion Loss (23°C) (1→2, or 2→3, ... N-1→N)	Typ.	dB	0.6	0.7
	Max	dB	0.8	0.9
Extinction Ratio	Min	dB	20	22
Return Loss	Min	dB	55	
Directivity (a & b not consecutive: a→b, or b→a)	Min	dB	50	
Optical Power Handling	Max	mW	300	
Package Dimension		mm	75 x 32 x 10	
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.

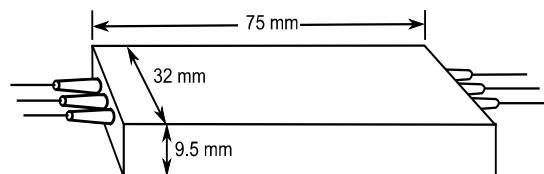
* Connector key is aligned to slow axis.

Ordering Information

Contact Ascentta with your custom configuration needs.

PM CIR	Port	Stages	Wavelength	Fiber Type	Fiber Length	Connector
PM CIR	3=3-Port 4=4-Port 5=5-Port 6=6-Port 7=7-Port 8=8-Port	S=Single D=Dual	10=1064nm 13=1310nm 14=1480nm 15=1550nm 159=1590nm CL=C+L Band 1625=1625nm X=Others	PMB=PM Panda 250um PMO=PM Panda 400um 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 LA=LC/APC LC=LC/PC X=Others

Package Dimensions



Package shown with 6 ports.

Contact Ascentta for all your custom design needs.