

**POLARIZATION-MAINTAINING (PM) 3-PORT (TGG TYPE) CIRCULATOR**  
(532, 650, 780, 850, 980, 1030, 1053, or 1064nm)

**Specifications**

Contact Ascentta with your custom specification needs.

Parameter		Unit	532nm	650nm	780nm	850nm	980nm	1030nm	1053nm	1064nm
Bandwidth		nm	±5nm							
Transmitting Direction		-	1→2, 2→3							
Isolation (λc,23°C) (2→1,or 3→2)	Min	dB	23	23	26	26	28	28	28	28
Insertion Loss (1→2, or 2→3)	Max	dB	2.80	2.80	1.8	1.8	1.50	1.50	1.50	1.50
Extinction Ratio	Min	dB	22	22	22	22	22	22	22	22
Return Loss	Min	dB	45	45	45	45	45	45	45	45
Directivity (1→3, or 3→1)	Min	dB	40	40	40	40	40	40	40	40
Optical Power Handling	Max	mW	50	100	150	150	250	250	250	250
Package Dimension	Cylinder	mm	Φ21xL80	Φ21xL80	Φ24xL85	Φ24xL85	Φ24xL85	Φ24xL85	Φ24xL85	Φ24xL85
Operating Temperature		°C	10 to 50							
Storage Temperature		°C	0 to 60							

\* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & ER.

\* Connector key is aligned to slow axis.

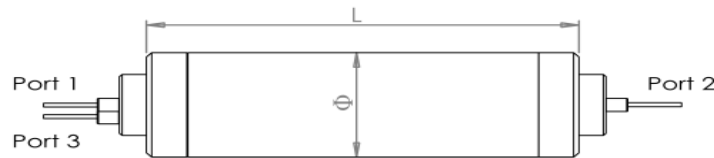
**Ordering Information**

Contact Ascentta with your custom configuration needs.

PMVCIR	Port	Wavelength	Fiber Type	Cable Type	Fiber Length	Connector	Max Power*	Package
PMVCIR	3=3-Port	532=532nm 650=650nm 780=780nm 850=850nm 980=980nm 1030=1030nm 1053=1053nm 1064=1064nm  X=Others	PM=Polarization-Maintaining  X=Others	B=250um O=400um L=900um H=3mm  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	X=Others	Specify  X=Others

\* Max power affects other specifications.

**Package Dimensions**



Contact Ascentta for all your custom design needs.