

3-Port Optical (TGG Type) Circulator: Polarization-Maintaining (PM)

(532, 635, 650, 780, 850, 980, 1030, 1060nm)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter			Unit	532nm	635nm	650nm	780nm	850nm	980nm	1030nm	1060nm
Transmitting Direction			-	1→2, 2→3							
Isolation (23°C, All SOP) (2→1, or 3→2) (λ_c)	Typ.	dB		23	23	23	25	25	27	27	27
	Min	dB		20	20	20	21	21	22	22	22
Insertion Loss (Fast Axis Blocked) (1→2, or 2→3)	Max	dB		2.3	2.0	2.0	1.8	1.8	1.5	1.5	1.5
Extinction Ratio	Min	dB		18	18	18	20	20	20	20	20
Return Loss	Min	dB		45	45	45	45	45	45	45	45
Directivity (1→3)	Min	dB		40	40	40	40	40	40	40	40
Optical Power Handling	Max	mW		50	100	100	150	150	250	250	250
Package Dimension	Cylinder	mm		Φ21xL60	Φ21xL60	Φ21xL60	Φ24xL65	Φ24xL65	Φ24xL80	Φ24xL80	Φ24xL80
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 Hengyan Photonics with your custom configuration needs.

PMVCIR	Port	Wavelength	Fiber Type	Cable Type	Fiber Length	Connector	Max Power* (Optional)
PMVCIR	3=3-Port	532=532nm 635=635nm 650=650nm 780=780nm 850=850nm 980=980nm 1030=1030nm 1060=1060nm X=Others	PM=Polarization-Maintaining PM460HP PM630HP PM780HP PM980 X=Others	B= 250um 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

* Max. Power affects other specifications.

Package Dimensions

