

Mini 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	Φ15xL60	Φ15xL60	Φ15xL60	Φ15xL75	Φ15xL75	Φ15xL90	Φ15xL90	Φ15xL90
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	Package	Max Power* (Optional)
PMVCIR	3=3-Port	532=532nm	PM=Polarization-Maintaining	B= 250um	10=1.0m	NE=None	1560=Φ15xL60	X=Others
		635=635nm		L= 900um	15=1.5m	FA=FC/APC	1575=Φ15xL75	
		650=650nm	PM460HP	H=3mm	20=2.0m	FC=FC/PC	1590=Φ15xL90	
		780=780nm	PM630HP		30=3.0m	SA=SC/APC		
		850=850nm	PM780HP	X=Others	X=Others	SC=SC/PC	X=Others	
		980=980nm	PM980			ST=ST/PC		
		1030=1030nm				LA=LC/APC		
		1060=1060nm	X=Others			LC=LC/PC		
		X=Others				X=Others		

* Max. Power affects other specifications.

Package Dimensions

