

Mini 3-Port Optical (TGG Type) Circulator: Single-Mode (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
	Min	dB	20	20	20	21	21	22	22
Insertion Loss (All SOP) (1→2, or 2→3)	Max	dB	2.5	2.3	2.3	1.8	1.8	1.5	1.5
PDL	Max	dB	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Return Loss	Min	dB	45	45	45	45	45	45	45
Directivity (1→3)	Min	dB	40	40	40	40	40	40	40
Optical Power Handling	Max	mW	50	100	100	150	150	250	250
Package Dimension	Cylinder	mm	Φ15xL75	Φ15xL75	Φ15xL75	Φ15xL90	Φ15xL90	Φ15xL105	Φ15xL105
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, & PDL.

* SOP=State of Polarization

Ordering Information

Contact Hengyan Photonics with your custom configuration needs.

VCIR	Port	Wavelength	Fiber Type	Cable Type	Fiber Length	Connector	Package	Max Power* (Optional)
VCIR	3=3-Port	532=532nm	S=Single-Mode 460HP 630HP HI780 HI1060	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	1575= Φ15xL75 1590= Φ15xL90 15105= Φ15xL105 X=Others	X=Others
		635=635nm						
		650=650nm						
		780=780nm						
VCIR	3=3-Port	850=850nm	X=Others					
		980=980nm						
		1030=1030nm						
		1060=1060nm						
VCIR	3=3-Port	X=Others						

* Max. Power affects other specifications.

Package Dimensions

