

MINI 3-PORT OPTICAL (TGG TYPE) CIRCULATOR: SINGLE-MODE (532, 635, 650, 780, 850, 980, 1030, 1060nm)

Specifications

Contact Ascentta 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)	Typ	dB	23	23	23	25	25	27	27	27
	Min	dB	20	20	20	21	21	22	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	1.5
PDL	Max	dB	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
PMD	Max	ps	0.2	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	45
Directivity (1→3, or 3→1)	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	Φ15xL75	Φ15xL75	Φ15xL75	Φ15xL90	Φ15xL90	Φ15xL105	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 Ascentta with your custom configuration needs.

VCIR	Port	Wavelength	Fiber Type	Cable Type	Fiber Length	Connector	Max Power* (Optional)	Package
VCIR	3=3-Port	532=532nm	S=Single-Mode	B=250um	10=1.0m	NE=None	X=Others	1575= Φ15xL75 1590= Φ15xL90 15105= Φ15xL105
		635=635nm	X=Others	L= 900um	15=1.5m	FA=FC/APC		
		650=650nm		H=3mm	20=2.0m	FC=FC/PC		
		780=780nm			30=3.0m	SA=SC/APC		
		850=850nm		X=Others		SC=SC/PC		
		980=980nm				ST=ST/PC		
		1030=1030nm			X=Others	LA=LC/APC		X=Others
		1060=1060nm				LC=LC/PC		
		X=Others				X=Others		

* Max. Power affects other specifications.

Package Dimensions

