

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	Φ21xL60	Φ21xL75	Φ21xL75	Φ24xL80	Φ24xL80	Φ24xL95	Φ24xL95	Φ24xL95
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 (Optional)
VCIR	3=3-Port	532=532nm 635=635nm 650=650nm 780=780nm 850=850nm 980=980nm 1030=1030nm 1060=1060nm X=Others	S=Single-Mode 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	X=Others

* Max. Power affects other specifications.

Package Dimensions

