

MINI POLARIZATION-DEPENDENT 3-PORT (TGG TYPE) CIRCULATOR CORE (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 (23°C, All SOP*) (1→2, or 2→3)	Max	dB	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Extinction Ratio	Min	dB	28	28	28	28	28	28	28	28
Directivity (1→3, or 3→1)	Min	dB	30	30	30	30	30	30	30	30
Package Dimension	Cylinder	mm	Φ13xL23	Φ13xL23	Φ13xL23	Φ13xL38	Φ13xL38	Φ13xL56	Φ13xL56	Φ13xL56
Operation Temperature		°C	10 to 50							
Storage Temperature		°C	0 to 60							

* SOP=State Of Polarization

Ordering Information

Contact Ascentta with your custom specification needs.

VCIRC	Port	Type	Wavelength	Clear Aperture	Max. Power	Diameter* (Φ)	Length*(L)
VCIRC	3 = 3-Port	PD=Polarization Dependent	532=532nm 635=635nm 650=650nm 780=780nm 850=850nm 980=980nm 1030=1030nm 1060=1060nm X=Others	18=1.8mm 25=2.5mm X=Others	01=0.1W 03=0.3W 10=1.0W 50=5.0W X=Others	13=13mm X=Others	23=23mm 38=38mm 56=56mm X=Others

* Refer to diagram. Contact us for: custom specifications, accurate dimensions, and other questions.

Package Dimensions

