

POLARIZATION-DEPENDENT 3-PORT (TGG TYPE) CIRCULATOR CORE (532, 635, 650, 780, 850, 980, 1030, 1064nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	532nm	635nm	650nm	780nm	850nm	980nm	1030nm	1064nm	
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)	Typ.	dB	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	
	Max	dB	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	
Extinction Ratio		Min	dB	28	28	28	28	28	28	28	
Directivity (1→3, or 3→1)		Min	dB	30	30	30	30	30	30	30	
Package Dimension	Cylinder	mm	Φ16xL27	Φ16xL33	Φ16xL33	Φ19xL39	Φ19xL39	Φ19xL53	Φ19xL53	Φ19xL53	
Operation Temperature		°C	10 to 50								
Storage Temperature		°C	0 to 60								

* SOP=State Of Polarization

Ordering Information

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VCIRC	Port	Type	Wavelength	Clear Aperture	Max. Power	Diameter* (Φ)	Length* (L)
VCIRC	3 = 3-Port	PD=Polarization Dependent	532=532nm	15=1.5mm	03=0.3W	16=16mm	27=27mm
			635=635nm	18=1.8mm	10=1.0W	19=19mm	33=33mm
			650=650nm	23=2.3mm	50=5.0W	X=Others	53=53mm
			780=780nm	25=2.5mm	X=Others		
			850=850nm	X=Others		X=Others	X=Others
			980=980nm				
1030=1030nm							
1064=1064nm							
			X=Others				

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

Package Dimensions

