

Polarization-Dependent 3-Port (TGG Type) Circulator Core

(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) (2→1, 3→2) (λ_c)	Typ.	dB	23	23	23	25	25	27	27	27
	Min	dB	20	20	20	21	21	22	22	22
Insertion Loss (23°C) (1→2, 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)	Min	dB	30	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							

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 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	16=16mm 19=19mm X=Others	27=27mm 33=33mm 39=39mm 53=53mm X=Others

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

Package Dimensions

