

**OPTICAL (TGG TYPE) ISOLATOR CORE: POLARIZATION-INDEPENDENT**  
(532, 650, 780, 850, 980, 1030, 1053, 1064nm)

**Specifications**

Contact Ascentta with your custom specification needs.

Parameter	Unit	532nm	650nm	780nm	850nm	980nm	1030nm	1053nm	1064nm
Bandwidth	nm	±5							
Isolation ( $\lambda_c$ , 23°C)	Peak	dB	35	35	35	35	35	35	35
	Min	dB	30	30	30	30	30	30	30
Insertion Loss (23°C)	Typ.	dB	0.45	0.45	0.35	0.35	0.25	0.25	0.25
	Max	dB	0.60	0.60	0.50	0.50	0.40	0.40	0.40
PDL	Max	dB	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Operation Temperature	°C	10 to 50							
Storage Temperature	°C	0 to 60							

**Ordering Information**

Contact Ascentta with your custom configuration needs.

VIC	Type	Wavelength	Clear Aperture	Max. Power	Diameter* ( $\phi$ )	Length* (L)
VIC	PI=Pol-Independent	532=532nm	10=1.0mm	03=0.3W	23=23.2mm	38=38mm
		650=650nm	12=1.2mm	10=1.0W	30=30mm	42=42mm
		780=780nm	18=1.8mm	50=5.0W	X=Others	44=44mm
		850=850nm	24=2.4mm	200=20.0W		47=47mm
		980=980nm	25=2.5mm	X=Others	X=Others	X=Others
		1030=1030nm	X=Others			
		1053=1053nm		X=Others		
1064=1064nm	X=Others					
X=Others						

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

**Package Dimensions**

Available upon request.

Contact Ascentta for all your custom design needs.