

VISIBLE/IR (TGG TYPE) OPTICAL ISOLATOR CORE

Specifications

Parameter	Unit	Value
Center Wavelength	nm	980, 1025, 1047, 1053, 1064, 1080
Operating Wavelength range		$\lambda_c \pm 10$
Peak Isolation	dB	35
Mini Isolation (23 °C, all SOP*)	dB	30
Typ. Insertion Loss (23 °C, all SOP*)	dB	0.8
Max. Insertion Loss (23 °C, all SOP*)	dB	1.2
Min. Return Loss (Input/Output)	dB	50/50
Max. PDL	dB	0.2
PMD	ps	<0.2
Clear Aperture	mm	2.0, 3.0
Max. Optical Power	W	0.3, 5.0
Package Dimension	mm	$\phi 28 \times L48$ (Core)
Operation Temperature	°C	-5 to 70
Storage Temperature	°C	-40 to 85

* SOP=State Of Polarization

Ordering Information

VIC	Type	Wavelength	Clear Aperture	Max. Power
VIC	S=Single Stage	980=980nm	09=0.9mm	03=0.3W
	D=Dual Stage	1025=1025nm	15=1.5mm	10=1.0W
		1047=1047nm	20=2.0mm	50=5.0W
		1053=1053nm	XX=Others	XX=Others
		1064=1064nm		
		1080=1080nm		
		XXX=Others		