VISIBLE/IR (TGG TYPE) OPTICAL ISOLATOR CORE

Specifications

Parameter	Unit	Value
Center Wavelength	nm	980, 1025, 1047, 1053, 1064, 1080
Operating Wavelength range		λc ± 10
Peak Isolation	dB	35
Mini Isolation (23℃, all SOP*)	dB	30
Typ. Insertion Loss (23℃, all SOP*)	dB	0.8
Max. Insertion Loss (23℃, 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	ϕ28 x L48 (Core)
Operation Temperature	℃	-5 to 70
Storage Temperature	℃	-40 to 85

* SOP=State Of Polarization

Ordering Information

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

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VISIBLE/IR (TGG TYPE) OPTICAL ISOLATOR

Specifications

Parameter	Unit	Value
Center Wavelength	nm	980, 1025, 1047, 1053, 1064, 1080
Operating Wavelength range		λc ± 10
Peak Isolation	dB	35
Mini Isolation (23℃, all SOP*)	dB	30
Typ. Insertion Loss (23℃, all SOP*)	dB	0.8
Max. Insertion Loss (23℃, all SOP*)	dB	1.2
Min. Return Loss (Input/Output)	dB	50/50
Max. PDL	dB	0.2
PMD	ps	<0.2
Max. Optical Power	W	0.3, 5.0
PI Fiber Type		Corning HI1060
PD Fiber Type		Corning PM980
Package Dimension	mm	ϕ28 x L82
Operation Temperature	℃	-5 to 70
Storage Temperature	℃	-40 to 85

* SOP=State Of Polarization
*Above specifications are for device without connector.

Ordering Information

VIS	Type	Wavelength	Fiber Type	Cable Type	Fiber Length	Connector	Max. Power
VIS	S=Single Stage D=Dual Stage	980=980nm 1025=1025nm 1047=1047nm 1053=1053nm 1064=1064nm 1080=1080nm XXX=Others	H1=HI-1060 PM9=PM980 XX=Others	B=250um L=900um H=3mm	10=1.0m 15=1.5m 20=2.0m 30=3.0m XX=Others	NE=None FC=FC/PC SC=SC/PC ST=ST/PC LC=LC/PC XX=Others	03=0.3W 10=1.0W 50=5.0W XX=Others

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