
SINGLE-MODE OPTICAL (TGG TYPE) ISOLATOR
(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 (All SOP) (λ_c , 23°C)	Min	dB	25	26	28	28	30	30	30	30
	Typ.	dB	1.9	1.7	1.5	1.5	0.8	0.8	0.8	0.8
Insertion Loss (23°C, All SOP)	Max	dB	2.2	2.0	1.8	1.8	1.2	1.2	1.2	1.2
PDL	Max	dB	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
PMD	Max	ps	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Return Loss (Input/Output)	Min	dB	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
Package Dimension Cylinder	mm	φ26 x L70	φ26 x L70	φ26 x L80	φ26 x L80	φ26 x L80	φ26 x L90	φ26 x L90	φ26 x L90	
Operation Temperature	°C	-5 to 70								
Storage Temperature	°C	-40 to 85								

* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & PDL.

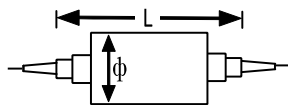
* SOP=State Of Polarization

Ordering Information

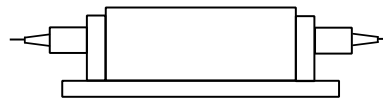
Contact Ascentta with your custom configuration needs.

VIS	Wavelength	Fiber Type	Cable Type	Fiber Length	Connector	Max. Power	Package
VIS	532=532nm	S=Single-Mode	B=250um	10=1.0m	NE=None	03=0.3W	Specify X=Others
	650=650nm	H1=HI 1060	L=900um	15=1.5m	FA=FC/APC	10=1.0W	
	780=780nm		H=3mm	20=2.0m	FC=FC/PC	50=5.0W	
	850=850nm	X=Others		30=3.0m	SA=SC/APC		
	980=980nm				SC=SC/PC	X=Others	
	1030=1030nm				ST=ST/PC		
	1053=1053nm				LA=LC/APC		
	1064=1064nm				LC=LC/PC		
	X=Others				X=Others		

Package Dimensions



Cylinder



Mounting Plate

Contact Ascentta for all your custom design needs.