

POLARIZATION-MAINTAINING (PM) 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
	Min	dB	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
Return Loss (Input/Output)	Min	dB	28	28	28	28	28	28	28	28
Extinction Ratio	Min	dB	28	28	28	28	28	28	28	28
Package Dimension Cylinder	mm	φ26 x L60	φ26 x L60	φ26 x L70	φ26 x L70	φ26 x L70	φ26 x L80	φ26 x L80	φ26 x L80	
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.

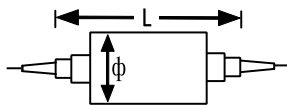
* The connector key is aligned to slow axis.

Ordering Information

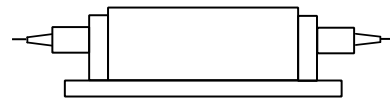
Contact Ascentta with your custom configuration needs.

PMVIS	Wavelength	Fiber Type	Cable Type	Fiber Length	Connector	Max. Power	Package
PMVIS	532=532nm	PM=Polarization-Maintaining PM9=PM980	B=250um O=400um L=900um H=3mm	10=1.0m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC	03=0.3W	Specify X=Others
	650=650nm			15=1.5m		10=1.0W	
	780=780nm			20=2.0m		50=5.0W	
	850=850nm	X=Others		30=3.0m	X=Others	X=Others	
	980=980nm			X=Others			
	1030=1030nm						
1053=1053nm							
1064=1064nm							
X=Others					X=Others		

Package Dimensions



Cylinder



Mounting Plate

Contact Ascentta for all your custom design needs.