

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	24	24	26	26	28	28	28	28
Insertion Loss (23°C)	Typ. dB	2.5	2.5	1.5	1.5	0.8	0.8	0.8	0.8
	Max dB	2.8	2.8	1.8	1.8	1.2	1.2	1.2	1.2
Return Loss	Min dB	45	45	45	45	45	45	45	45
Extinction Ratio	Min dB	22	22	22	22	22	22	22	28
Optical Power Handling	Max mW	50	100	150	150	250	250	250	250
Package Dimension Cylinder	mm	φ21xL80	φ21xL80	φ24xL85	φ24xL85	φ24xL85	φ24xL85	φ24xL85	φ24xL85
Operation Temperature	°C	10 to 50							
Storage Temperature	°C	0 to 60							

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

* The connector key is aligned to slow axis.

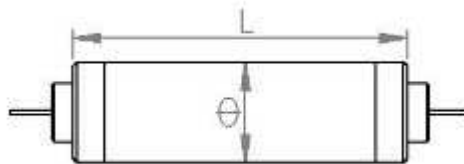
Ordering Information

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	B=250um	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	X=Others	Specify X=Others
	650=650nm		O=400um	15=1.5m			
	780=780nm	X=Others	L=900um	20=2.0m			
	850=850nm		H=3mm	30=3.0m			
	980=980nm		X=Others	X=Others	X=Others		
	1030=1030nm						
	1053=1053nm						
1064=1064nm							
X=Others					X=Others		

* Max Power affects other specifications.

Package Dimensions



Contact Ascentta for all your custom design needs.