

MINI OPTICAL (TGG TYPE) ISOLATOR: SINGLE-MODE (532, 635, 650, 780, 850, 980, 1030, 1060nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	532nm	635nm	650nm	780nm	850nm	980nm	1030nm	1060nm
Isolation (23°C, All SOP)	Typ	dB	26	26	26	28	28	30	30	30
	Min	dB	23	23	23	24	24	25	25	25
Insertion Loss (All SOP)	Max	dB	2.3	2.0	2.0	1.5	1.5	1.2	1.2	1.2
PDL	Max	dB	0.2	0.2	0.2	0.18	0.18	0.15	0.15	0.15
PMD	Max	ps	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Return Loss	Min	dB	45	45	45	45	45	45	45	45
Optical Power Handling	Max	mW	50	100	100	150	150	250	250	250
Package Dimension	Cylinder	mm	Φ15xL75	Φ15xL75	Φ15xL75	Φ15xL90	Φ15xL90	Φ15xL105	Φ15xL105	Φ15xL105
Operating 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, & 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* (Optional)	Package
VIS	532=532nm 635=635nm 650=650nm 780=780nm 850=850nm 980=980nm 1030=1030nm 1060=1060nm	S=Single-Mode X=Others	B=250um L=900um H=3mm	10=1.0m 15=1.5m 20=2.0m 30=3.0m X=Others	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	1575= Φ15xL75 1590= Φ15xL90 15105= Φ15xL105 X=Others
	X=Others				X=Others		

* Max. Power affects other specifications.

Package Dimensions

