

Optical (TGG Type) Isolator: Single-Mode

(532, 635, 650, 780, 850, 980, 1030, 1060nm)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter		Unit	532nm	635nm	650nm	780nm	850nm	980nm	1030nm	1060nm
Isolation (λ_c) (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
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	Φ21xL60	Φ21xL75	Φ21xL75	Φ24xL80	Φ24xL80	Φ24xL95	Φ24xL95	Φ24xL95
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 Hengyan Photonics with your custom configuration needs.

VIS	Wavelength	Fiber Type	Cable Type	Fiber Length	Connector	Max. Power* (Optional)
VIS	532=532nm	S=Single-Mode	B=250um	10=1.0m	NE=None	X=Others
	635=635nm	460HP	L=900um	15=1.5m	FA=FC/APC	
	650=650nm	630HP	H=3mm	20=2.0m	FC=FC/PC	
	780=780nm	HI780		30=3.0m	SA=SC/APC	
	850=850nm	HI1060			SC=SC/PC	
	980=980nm	X=Others		X=Others	ST=ST/PC	
	1030=1030nm				LA=LC/APC	
	1060=1060nm				LC=LC/PC	
	X=Others				X=Others	

* Max. Power affects other specifications.

Package Dimensions

