

Polarization Maintaining Isolator TGG based
(532, 635, 680, 780, 808, 850, 930, 980, 1030, 1064, 1080, 1150nm)

Features	Applications
<ul style="list-style-type: none"> ● Low Insertion Loss ● High Return Loss ● High Extinction Ratio 	<ul style="list-style-type: none"> ● Optical Fiber Amplifier ● Optical Fiber laser ● Fiber Instrument

Specifications

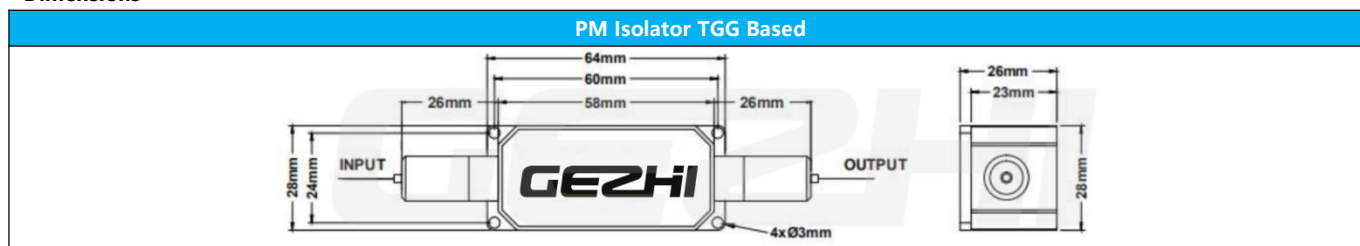
Parameters	Unit	Values						
		532	635 or 680	780, 808, 850 or 930	980	1030	1064 or 1080	1150
Operating Wavelength	nm	532	635 or 680	780, 808, 850 or 930	980	1030	1064 or 1080	1150
Wavelength Bandwidth	nm	±5	±5	±10	±10	±10	±10	±10
Insertion Loss	dB	≤2.0	≤2.0	≤1.5	≤1.2	≤1.0	≤1.2	≤1.5
Min. Isolation	dB	≥25	≥25	≥25	≥25	≥26	≥26	≥25
Peak Isolation	dB	≥30	≥30	≥30	≥30	≥32	≥33	≥33
Extinction Ratio (Type B)	dB	≥18	≥18	≥18	≥18	≥18	≥18	≥18
Extinction Ratio (Type F)	dB	≥20	≥20	≥20	≥20	≥20	≥20	≥20
Fiber Type	/	PM460	PM630	PM780	PM980	PM980	PM980 or 1060	
Max Power Handling (CW)	W	0.05	0.05	0.5, 1, 2 or 5	0.5, 1 or 20	0.5,1,20	0.5,1,20	0.5,1,20
Stage	/	Single stage						
Return Loss	dB	≥45						
Tensile Load	N	≤5						
Operating Temperature	°C	0~+60						
Storage Temperature	°C	-10~+75						
Package Dimension	mm	64x28x26						

Note:

1. Above specifications are for device without connector, If with connector, IL will be 0.3dB higher, return loss will be reduce 5dB and Extinction Ratio will reduce 2dB.

2. If there is pulse application, please be sure to inform us of pulse energy and peak power.

Dimensions



Ordering Information PMISO-X-XXXX-X-XX-XXXX-XX-XX-XX-XX-XX

① Stage:	S=Single Stage
② Wavelength:	532; 635; 680; 780; 808; 850; 930; 980; 1030; 1064; 1080; 1150nm; S=Specify
③ Axis Alignment:	B=Both axis working; F=Slow axis working, Fast axis blocked
④ Power Handling:	0L=0.5W; 01=1W; 02=2W; 10=10W; S=Specify
⑤ Fiber Type :	PM460; PM630; PM780; PM980; PM1060; S=Specify
⑥ Package Dimensions:	T1=64x28x26mm; S=Specify
⑦ Pigtail Type:	00=bare fiber; 09=900um loose tube
⑧ Fiber Length:	08=0.8m; 10=1m; S=Specify
⑨ Connector Type:	FA=FC/APC; FP=FC/UPC; SA=SC/APC; SP=SC/UPC; S=Specify
⑩ Peak Power for Pulse:	00=Continuous Wave, 10=10kW, 20=20kW, SS=Specified