

## Polarization Maintaining Isolator-2000nm (2 $\mu$ m)

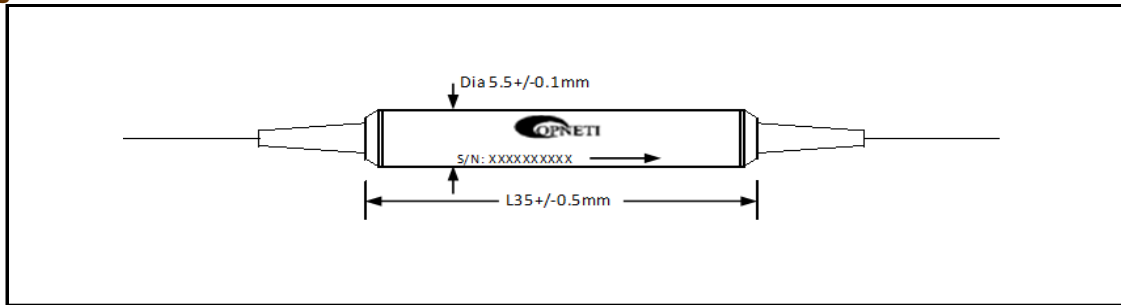
### Specifications

Parameters	Unit	Single Stage	Dual Stage
Operating Wavelength	nm	1940, 2000, 2050, 2100	
Isolation, $\lambda_c \pm 50$ nm, 23 °C	dB	$\geq 16$	$\geq 35$
Insertion Loss, $\lambda_c \pm 20$ nm, All Temperature	dB	$\leq 1.2$	$\leq 1.5$
Extinction Ratio	dB	$\geq 18$	
Return Loss (Input/Output)	dB	$\geq 50$	
Power Handling	W	1, 2, 3	
Fiber Type		PM1550 or PM1950	
Operating Temperature	°C	-5 ~ +70	
Storage Temperature	°C	-40 ~ +85	
Dimensions	mm	$\phi 5.5 \times 35$	

\*For devices with connectors, IL+0.3dB, RL-5dB, ER-2dB.

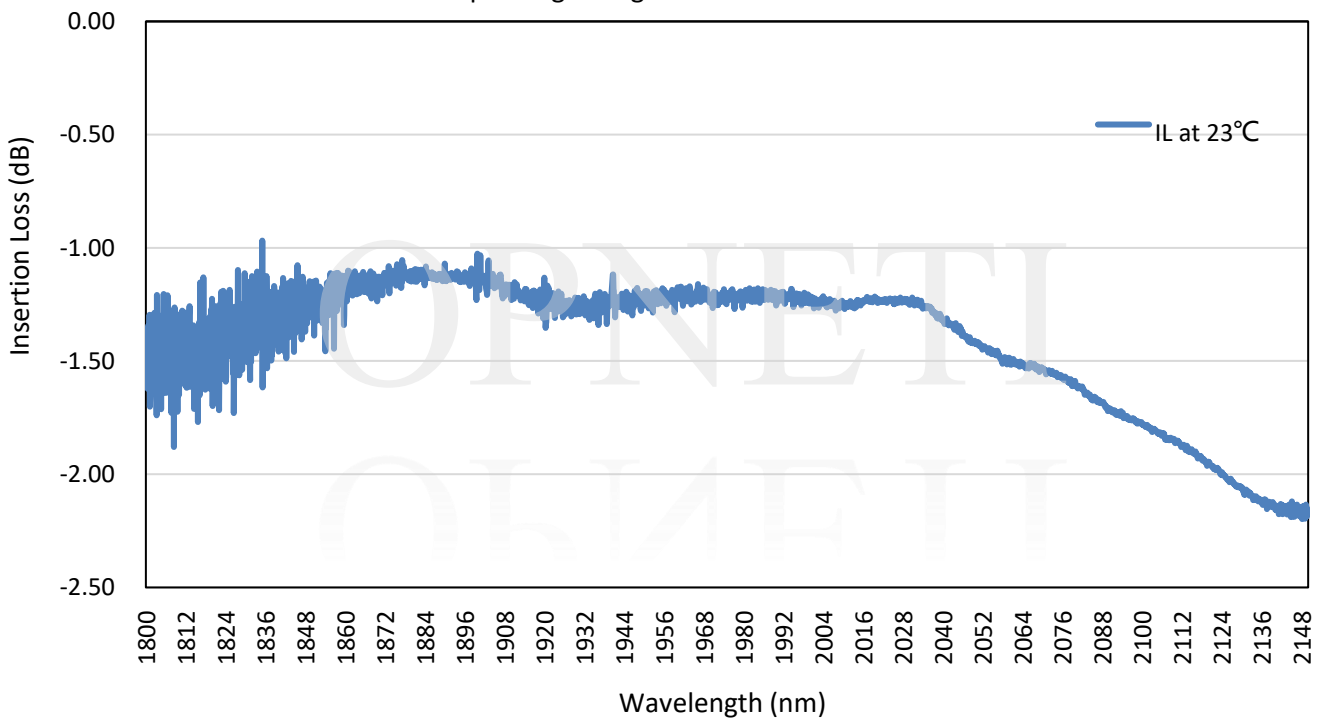
\*The default connector key is aligned to slow axis.

### Package Dimensions

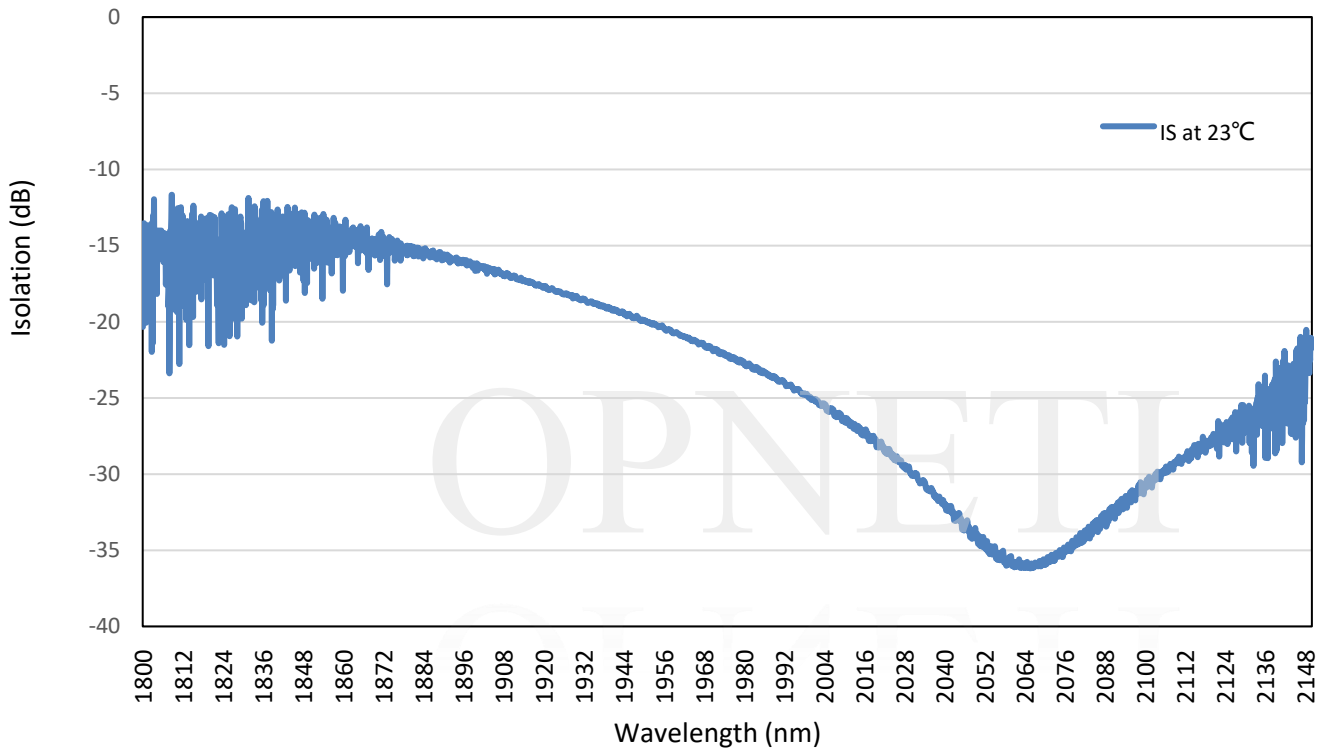


### Spectrum

2 $\mu$ m Single Stage Isolation Insertion Loss



2µm Single Stage Isolator Isolation



**Ordering Information**

PMIS ①-②②②②-③-④④④-⑤⑤⑤⑤⑤⑤-⑥-⑦⑦-⑧⑧

①	Type	S=Single Stage; D=Dual Stage;
②	Wavelength	1940; 2000; 2050; 2100;
③	Axis Alignment	F=Fast Axis Blocked; B=Both Axis Working;
④	Pigtail Type	250=250um Fiber; 900=900um Loose Tube;
⑤	Fiber Type	PM1550; PM1950;
⑥	Length	1=1m;
⑦	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;
⑧	Power Handling	1W; 2W; 3W;