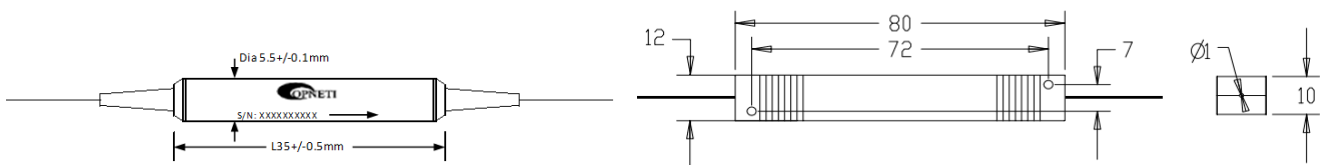


High Power Polarization Insensitive/Dependent Isolator-2000nm (2 μ m)

Specifications

Parameters	Unit	Single Stage	Dual Stage
Operating Wavelength	nm	1940, 1950, 2000, 2050, 2100	
Isolation, $\lambda_c \pm 50$ nm, 23 °C All Polarization States	dB	≥ 16	≥ 35
Insertion Loss, $\lambda_c \pm 20$ nm, 23 °C All Polarization States	dB	≤ 1.2	≤ 1.5
PDL (for Single Mode Fiber)	dB	≤ 0.15	≤ 0.2
Extinction Ratio (for PM Fiber)	dB	≥ 18	
Return Loss (Input/Output)	dB	≥ 50	
Power Handling	W	1, 2, 3, 5, 10	
Fiber Type		SMF-28e, SM1950, SM2000, PM1550, PM1950, FUD4070	
Operating Temperature	°C	-5 ~ +70	
Storage Temperature	°C	-40 ~ +85	
Dimensions	mm	$\phi 5.5 \times 35, 80 \times 12 \times 10$	

Package Dimensions

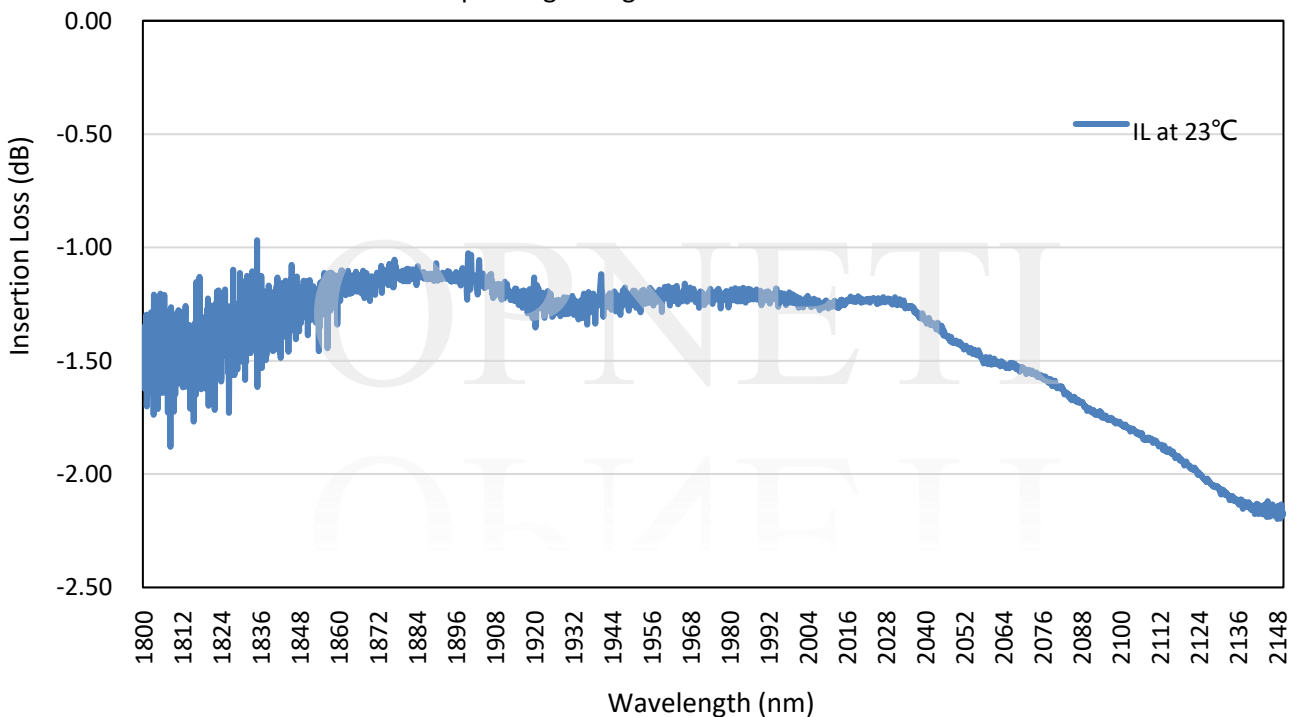


for 1~5 W

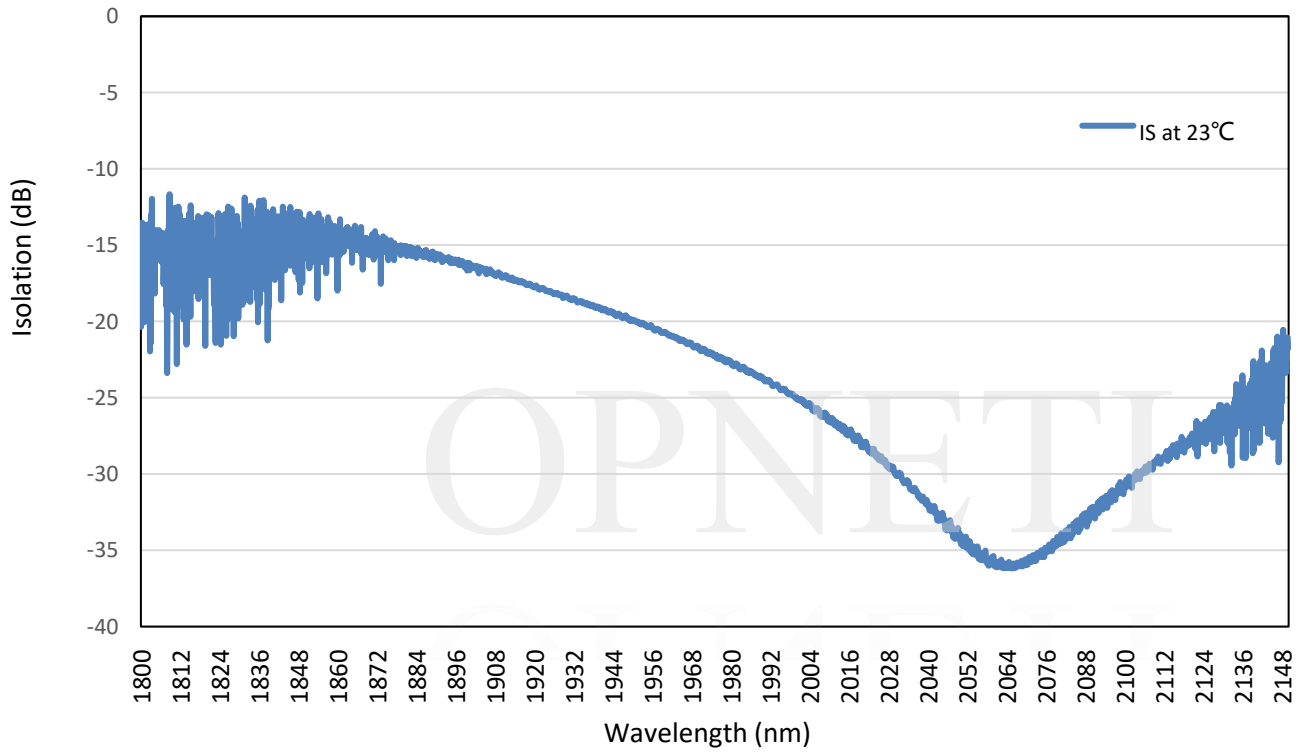
for 6~10W

Optical Spectrum

2 μ m Single Stage Isolation Insertion Loss



2μm Single Stage Isolator Isolation



Ordering Information

IS- ①-②②②②-③-④④④-⑤-⑥-⑦⑦-⑧⑧-⑨⑨⑨⑨⑨

①	Type	S=Single Stage; D=Dual Stage;
②	Wavelength	1940; 1950; 2000; 2050; 2100;
③	Working Axis	1=Fast Axis Blocked; 2=Both Axis Working;
④	Pigtail Type	250=250um Fiber; 900=900um Loose Tube;
⑤	Fiber Type	1=SMF-28e; 9=SM1950; 0=SM2000; P5=PM1550; P9=PM1950; 10=FUD4070;
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; 5W; 10W;
⑨	Package Size	5.5x35; 80x12x10;