3 Port Polarization Maintaining Optical Circulator-1940/2000nm(1.94μm/2μm)

Features

Low Insertion Loss
High Extinction Ratio & High Isolation
High Stability and Reliability

Applications

EDFA Fiber Optical
Instrument Fiber Sensor

Specifications

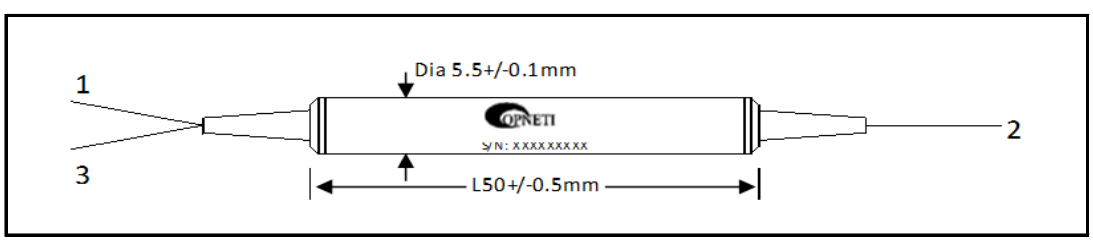
Parameters	Unit	Values	
Center Wavelength	nm	1940, 2000, 2050, 2100	
Insertion Loss, 23℃, λc±30nm	dB	≤1.5	
Isolation, 23℃, λc±30nm	dB	≥20	
Extinction Ratio	dB	≥18	
Working Axis		Both Axis Working	Slow Axis Working
Crosstalk	dB	≥40	
Return Loss	dB	≥50	
Fiber Type		PM1550, PM1950	
Average Optical Power	W	1, 2 or 5	
Peak Power for ns Pulse	KW	10	
Operating Temperature	℃	-5 ~ +70	
Storage Temperature	℃	-40 ~ +85	
Package	mm	5.5x50	5.5x35

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

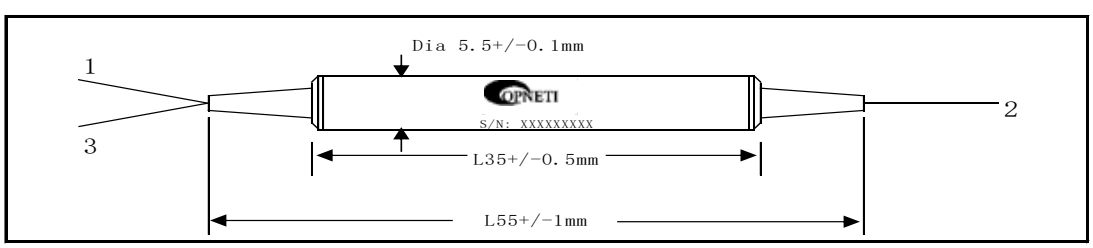
*Optical Power (CW) is 1W only for connector added.

*The default connector key is aligned to slow axis.

Package Dimensions

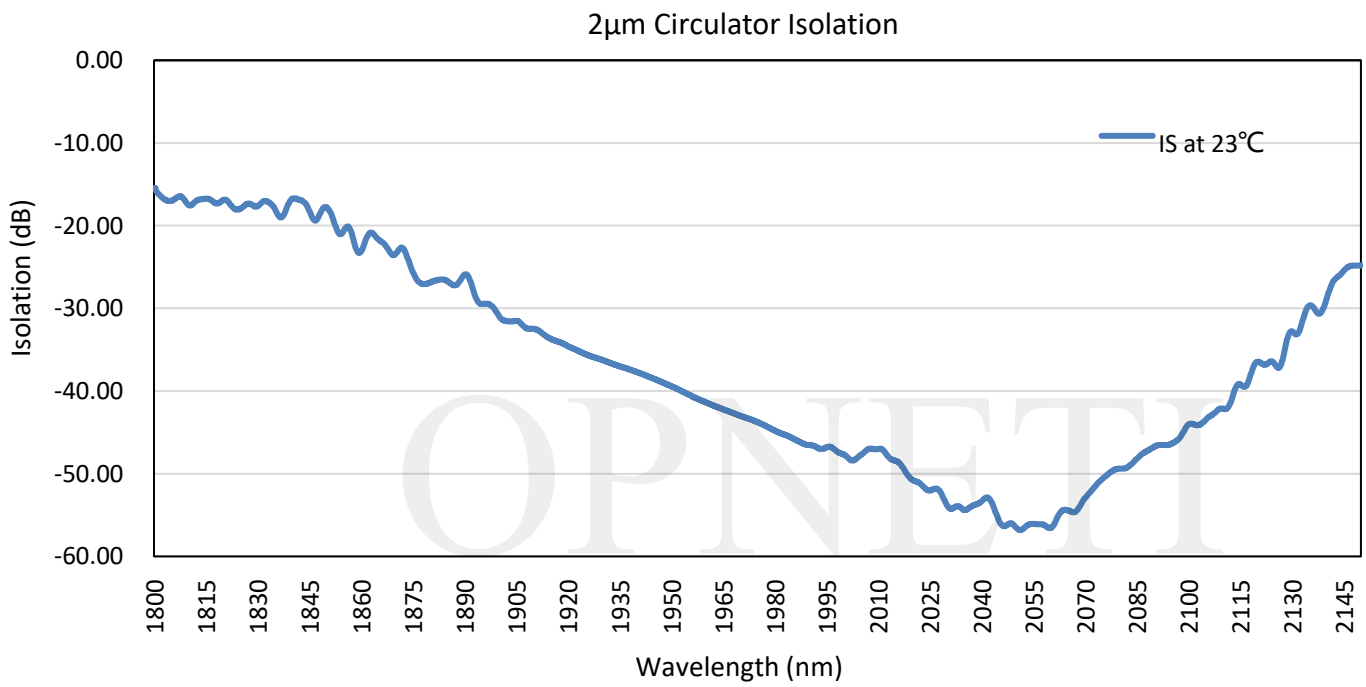


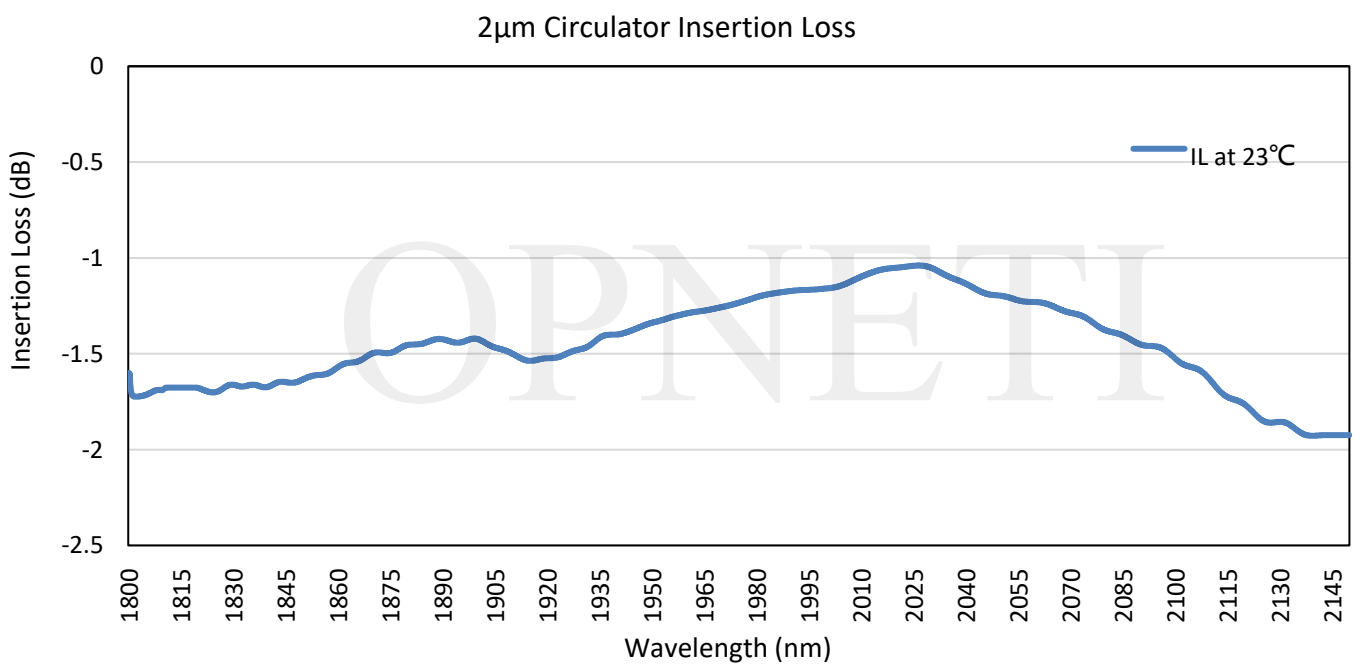
for Both Axis Working



for Slow Axis Working

Optical Spectrum





Ordering Information

PMCIR- ①-②-③③③③-④④④-⑤⑤⑤⑤⑤⑤-⑥⑥⑥-⑦⑦-⑧⑧⑧⑧⑧⑧-⑨⑨

①	Port	3=3 Port;
②	Type	B=Both Axis Working; F=Fast Axis Blocked;
③	Wavelength	1940; 2000; 2050; 2100;
④	Pigtail Type	250=250um Fiber; 900=900um Loose Tube;
⑤	Fiber Type	PM1550; PM1950;
⑥	Length	0.8=0.8m;
⑦	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;
⑧	Package Size	5.5x35; 5.5x50;
⑨	Power Handling	1W; 2W; 5W;