

3 Port Polarization Maintaining Optical Circulator, 1064nm

Features

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

Applications

Test Instrument
Fiber Sensor
Bidirectional Rx / Tx

Specifications



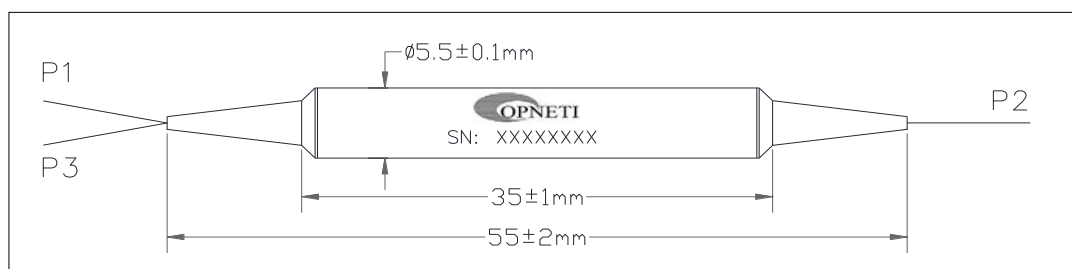
Parameters	Unit	Type B
Optical Path		P1 → P2 → P3, P3 → P1
Center Wavelength	nm	1064
Bandwidth	nm	±5
Typ. Isolation	dB	30
Isolation	dB	≥25
Typ. Insertion Loss	dB	1.8
Insertion Loss (IL)	dB	≤2.1
Extinction Ratio (ER)	dB	≥20
Axis Alignment ^[1]		Slow Axis Pass, Fast Axis Blocked
Connector Key Alignment		Key Aligned to Slow Axis
Cross Talk (1→3)	dB	≥50
Return Loss (RL)	dB	≥50
Power Handling ^[2]	mW	≤300
Fiber Type		PM980
Fiber Length	m	1
Operating Temperature	°C	-5 ~ +70
Storage Temperature	°C	-40 ~ +85
Dimensions	mm	φ5.5×35

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

^[1] Slow axis block, fast axis pass available on request.

^[2] 1~10W available on request.

Package Dimensions



Ordering Information

PM CIR ①-②-③③③③-④④④④-⑤⑤⑤⑤-⑥-⑦⑦

①	Port	3=3 Ports;
②	Type	B;
③	Wavelength	1064;
④	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube;
⑤	Fiber Type	P98=PM1300 Fiber;
⑥	Fiber Length	1=1m;
⑦	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;