

3 Port Polarization Maintaining Optical Circulator, 1550nm

Features

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

Applications

Test Instrument
Bidirectional Rx / Tx
Fiber Sensor
OADM System



Specifications

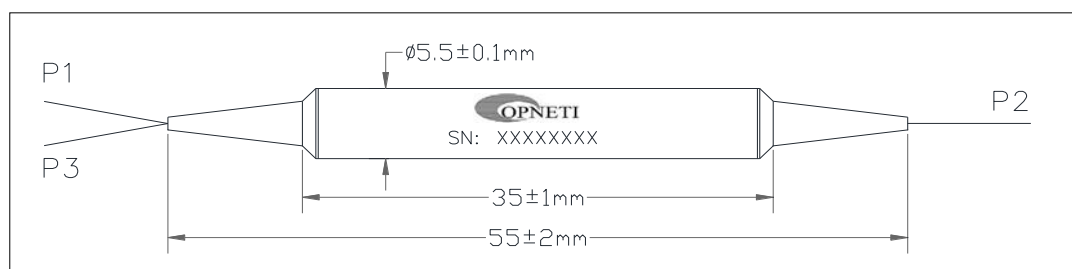
Parameters	Unit	Type A	Type B
Optical Path		P1 → P2 → P3, P3 → P1	
Center Wavelength	nm	1550	
Bandwidth	nm	±30	±20
Typ. Isolation	dB	46	30
Isolation	dB	≥40	≥20
Typ. Insertion Loss	dB	0.7	0.6
Insertion Loss (IL)	dB	≤0.9	≤0.8
Extinction Ratio (ER)	dB	≥22	≥20
Axis Alignment ^[1]		Slow Axis Pass, Fast Axis 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		PM1550	
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 ①-②-③③③③-④④④-⑤⑤⑤-⑥-⑦⑦

①	Port	3=3 Ports;
②	Type	A; B;
③	Wavelength	1550;
④	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube;
⑤	Fiber Type	P15=PM1550 Fiber;
⑥	Fiber Length	1=1m;
⑦	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;