



LP Technical Development Ltd

Polarization Maintaining Circulator

Features	Applications
High Isolation	Fiber Laser
High Extinction Ratio	Fiber Sensor
Low Insertion Loss	PM EDFA
High Reliability	Fiber Optic Instrument

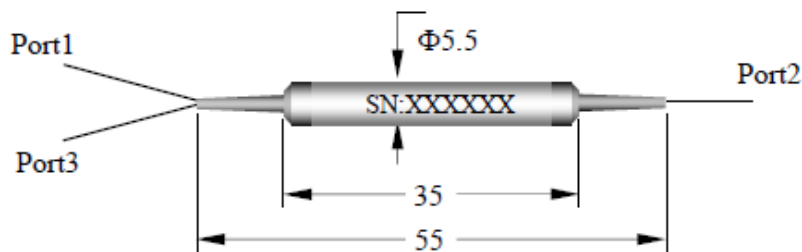
Specifications

Parameter	Unit			
Stage Type		Single stage	Dual Stage	Single stage
Operating wavelength	nm	1310 or 1550		1064
Bandwidth	nm	±20	±30	±5
Typ. Isolation)	dB	20	46	30
Isolation at 23℃	dB	≥30	≥40	≥25
Insertion Loss	dB	≤0.8	≤0.9	≤2.1
Extinction Ratio	dB	≥20	≥22	≥20
Cross Talk	dB	≥50		
Return loss	dB	≥50		
Power handling	mW	≤300		
Fiber Type		Fujikura Panda fiber		
Operating temperature	℃	-20 ~ +70		
Operating temperature	℃	-40 ~ +85(℃)		
Dimensions(mm)	mm	φ5.5×35		

*IL is 0.3 (1310~1550) or 0.5dB (980~1060) higher, RL is 5dB and ER is 2dB lower for each connector added

The default connector key is aligned to slow axis.

Package Dimensions



<http://www.lptechical.com>



Ordering Information

PM CIR	Port	Wavelength	Stage	Pigtail	Fiber	Length	Connector	Package
	3 port	1064 1310 1550	S=Single Stage D=Dual Stage	0=250um bare fiber 1=900um loose tube	5= Panda Fiber	1m	FC,SC,LC, ST,MU/UP C,AP C	5.5x35