3 Ports Polarization Maintaining Optical Circulator

Features

*Low insertion loss
*High extinction ratio
*High isolation
*Excellent stability and reliability

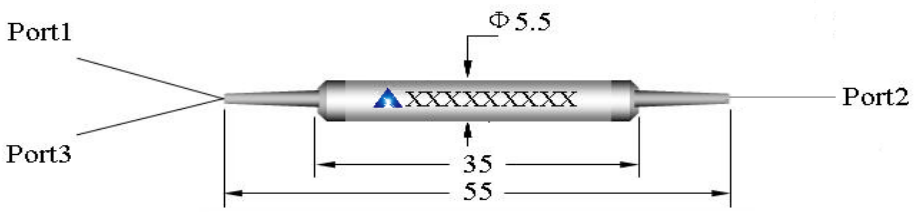
Applications

* Fiber lasers
* Fiber Sensors
* Optical Communications
* Polarization Mode Dispersion Compensator

Specifications

Parameter	Unit	3 Ports		
		Type B	Type B	Type A
Center Wavelength	nm	1064	1310 or 1550	
Operating bandwidth	nm	±5	±20	
Insertion Loss（Type）	dB	1.8	0.6	0.7
Insertion Loss（Max）	dB	2.1	0.8	0.9
Isolation	dB	⩾25	⩾20	⩾40
Extinction Ratio	dB	⩾20		⩾22
Return Loss	dB	⩾50		
Cross Talk	dB	⩾50		
Optical Power(CW)	mW	⩽300		
Tensile Load	N	⩽5		
Fiber Type		SM98-PS-U25D	SM13-PS-U25D, SM15-PS-U25D	
Optical path		Port1→Port2→Port3		
Operating Temperature	℃	-5 to +70		
Storage Temperature	℃	-40 to +85		

Remark: The Above specifications is without connector. IL is 0.3dB (1310~1550nm) or 0.5dB (1064nm) higher, RL is 5dB lower and ER is 2dB lower for each connectoradded. The default connector key is aligned to slow axis.



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Ordering Information

PMCIR – A — B — C— D — E — F — G— H — I		
A	Port Number	3=3 Ports
B	Wavelength	1064=1064nm , 1310=1310nm,1550=1550nm,S=Special
C	Type	A=Type A, B=Type B
D	Axis Alignment	SA=Slow-Axis working, Fast axis blocked FA=Fast-Axis working, Slow axis blocked
E	Tube Type	B=bare fiber, 0.9=0.9mm loose tube, 2= 2.0mm loose tube, 3= 3.0mm loose tube, etc
F	Fiber Type	PM1550, PM1310, PM980, etc
G	Connector Type	N=None, LC/UPC, LC/APC, SC/UPC, SC/APC, FC/UPC, FC/APC, etc
H	Package Size	5.5x35mm
I	Fiber length	003=0.3m, 005=0.5m; 010=1.0m;100=10m etc
For example：PMCIR-3-1064-A-SA-0.9-PM980-FC/APC*3-5.5x35-010		

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