1550nm PM Fiber Circulator (Fast axis blocked)

Features

- Low Insertion Loss
- High Return Loss
- High Isolation
- High Extinction Ratio
- High Reliability& Stability

Applications

- EDFA & Raman Amplifier
- Fiber Sensor
- Fiber Instrument

Specifications

Parameter	Unit	Value					
Type	-	Type A			Type B		
Port Type	-	3 Port	4 Port	3 Port	4 Port	3 Port	4Port
Center Wavelength	nm	1310 or 1550		1310 or 1550		1064	
Operating Wavelength Range	nm	±30		±20		±5	
Typ. Insertion Loss at 23℃	dB	0.7	1.1	0.6	1.0	1.8	2.2
Max. Insertion Loss at 23℃	dB	0.9	1.3	0.8	1.2	2.1	2.5
Typ. Peak Isolation 23℃	dB	46		30		30	
Min. Isolation at 23℃	dB	40		20		25	
Min. Extinction Ratio at 23℃	dB	22		20		20	
Min. Cross Talk	dB	50					
Min. Return Loss	dB	50					
Max. Optical Power(CW)	mW	300					
Max. Tensile Load	N	5					
Operating Temperature	℃	-5~+70					
Storage Temperature	℃	-40~+85					

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower.

The default connector key is aligned to slow axis.

Package Dimensions

Route: 1-2, 2-3

Type A: 1-2, 2-3,3-4 Type B: 1-2, 2-3, 3-4, 4-1

Ordering Information

PMCIR-1111-234-555-678-9999

1111	-Center Wavelength:	1550=1550nm,1310=1310nm
2	-Port Type:	3=3-Port, 4=4-Port
3	-Stage:	A=Type A, B= Type B
4	-Axis Alignment:	F=Slow axis working, Fast axis blocked
555	-Fiber Type:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
6	-Package Dimension:	0=φ5.5x35mm, S=Specified
7	-Pigtail Type:	0=250μm bare fiber, 1=900μm loose tube
8	-Fiber Length:	0=0.8m,1=1m
9999	-Connector for Port 1,2,3,4:	0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC, N=None