

1550nm PM Fiber Circulator (both axis working)

Features

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

Applications

EDFA & Raman Amplifier
Fiber Sensor
Fiber Instrument

Specifications

Parameters	Unit	Values	
Grade	-	P	A
Center Wavelength	nm	1550	
Bandwidth	nm	±30	
Peak Isolation at 23℃	dB	50	
Min.Isolation at 23℃	dB	40	
Typ. Insertion Loss at 23℃	dB	0.6	0.8
Max.Insertion Loss at 23℃	dB	0.8	1.0
Min.Extinction Ratio	dB	18	
Min.Return Loss	dB	50	
Min.Directivity	dB	50	
Power Handling	mW	300	
Operating Temperature	℃	0~+60	
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



Ordering Information

PM CIR-1111-234-555-678-999

1111	-Center Wavelength:	1550=1550nm
2	-Port Type:	3=3-Port, 4=4-Port
3	-Grade:	P=Perfect, A=A grade
4	-Axis Alignment:	B=Both axis working
555	-Fiber Type:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
6	-Package Dimension:	0=φ5.5x35mm, 1=φ5.5x50mm, S=Specified
7	-Pigtail Type:	0=250μm bare fiber, 1=900μm loose tube
8	-Fiber Length:	0=0.8m, 1=1m
999	-Connector for Port 1,2,3:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC, N=None