

# High Power Circulator

## 1550nm

### Features

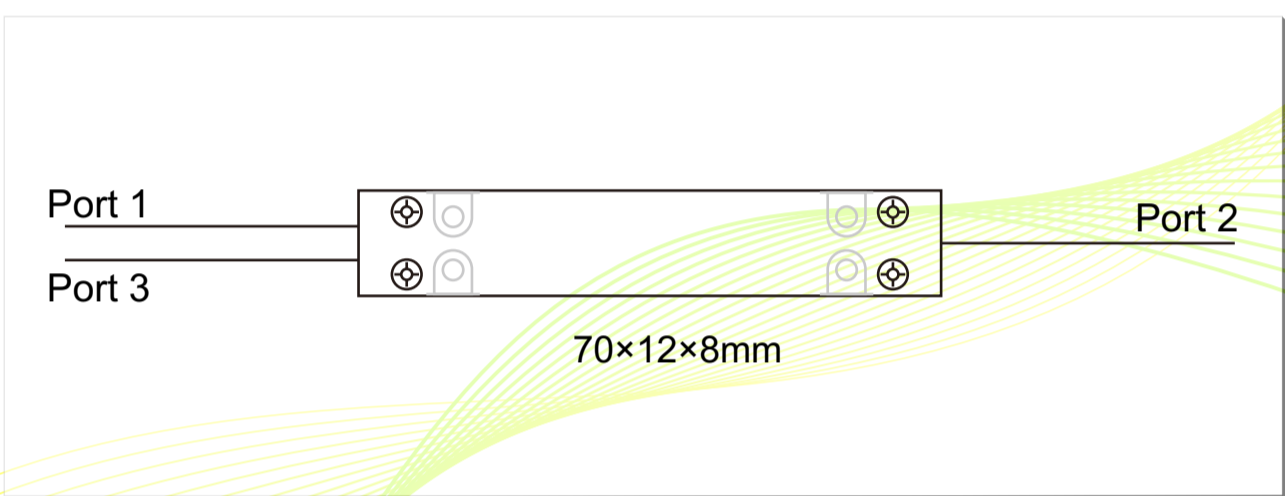
- Low Insertion Loss
- High Return Loss
- High Isolation
- High Extinction Ratio

### Applications

- EDFA & Raman Amplifier
- Fiber Sensor
- Fiber Instrument



### Package Dimensions



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Bonacom Technology reserves the right to change any specifications without prior notice.

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### Specifications

Parameter	Unit	Value
Type	-	Type A
Port Type	-	3 Port
Center Wavelength	nm	1550
Operating Wavelength Range	nm	±20
Typ. Insertion Loss at 23°C	dB	0.7
Max. Insertion Loss at 23°C	dB	0.9
Typ. Peak Isolation 23°C	dB	30
Min. Isolation at 23°C	dB	25
Min. Extinction Ratio at 23°C(Fast axis blocked)	dB	20
Max. Polarization Dependent Loss at 23°C	dB	0.15
Min. Cross Talk	dB	50
Min. Return Loss	dB	50
Max.Total power(CW)	W	10
Max.Peak power(KW)	KW	10
Max. Tensile Load	N	5
Operating Temperature	°C	-5~+70
Storage Temperature	°C	-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.

### Ordering Information

HPMCIR/HPICIR-1550-2-34--555-66-78-999-0000

1111	-Center Wavelength:	1550=1550nm
2	-Port Type:	3=3-Port,
3	-Stage:	S=Single-core,D=Dual-core
4	-Axis Alignment:	F=Slow axis working, Fast axis blocked, N=non-PM
555	-Fiber Type:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 028=PM-GDF-12/130-M
66	-Package Dimension:	A1=φ5.5x35mm,D3=70x12x8, 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
00	-Average power	01=1W,05=5W,10=10W
00	-Peak power	01=1KW,10=10KW

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