



100W High Power Circulator 257~387MHz



- High power handle capability up to 100W
- High isolation within operational band
- Low Insertion loss
- Low temperature coefficient ferrite material offer stable performance over temperature
- Aerospace and military application
- High peak to average handle capability
- All specifications can be modified upon request

Parameter	Min	Type	Max	Units
Frequency Center		322		MHz
Bandwidth		65		MHz
Insertion Loss	0.4			dB
Isolation (Note 1)			20	dB
Forward Power (CW)			100	W
Reverse Power (CW)			100	W
Rotation	Clockwise (Standard) Counter Clockwise (upon request)			
Impedance		50		Ω
Input /Output Connector		N-Female		
Finishing		Nickel plating		
Case Material		Aluminum alloy		
Operational Temp.	-20		70	$^{\circ}\text{C}$
Storage Temp.	-40		85	$^{\circ}\text{C}$
Altitude	15000		TBD	ft.
Vibration		10g 15 degree 2KHz		RMS
Humidity		100% RH at 35c, 95%RH at 40 $^{\circ}\text{C}$		
Shock		20G for 11msc.		

Note 1: Unit has narrow frequency bandwidth can achieve higher isolation & low insertion loss

Bandwidth (5 ~10) % x Center Frequency (Isolation >23dB)

Bandwidth (20~30) % x Center Frequency (Isolation >21dB)

Bandwidth (40~60) % x Center Frequency (Isolation >20dB)

Ask manufacture for detail

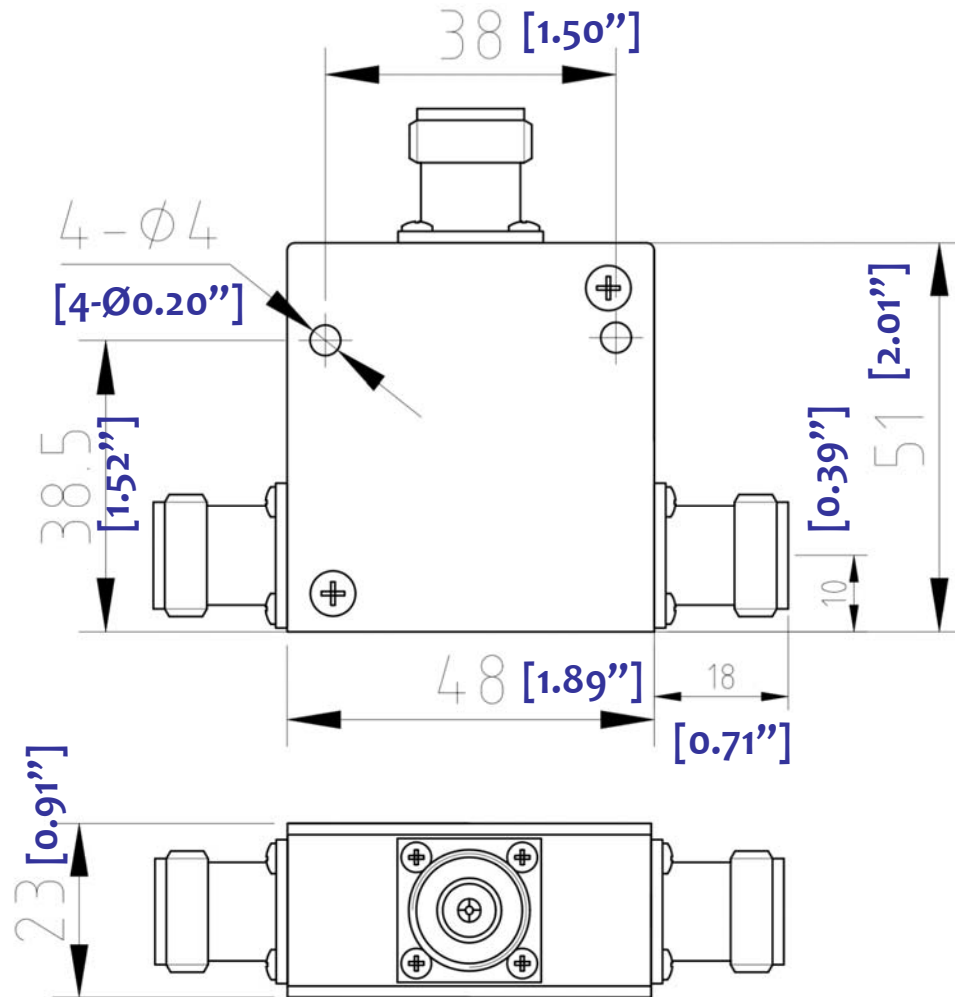


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The power beyond expectations

RFLC101M322N

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