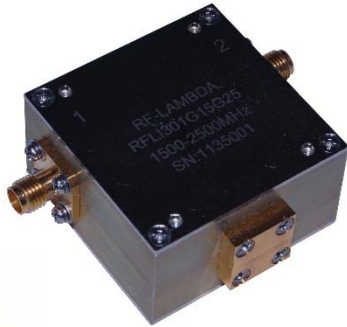




Wide Band Coaxial Isolator 2-4GHz



- High power handle capability up to 50W
- Wide band operation
- High isolation within operational band
- Low Insertion loss
- Low temperature coefficient ferrite material offer stable performance over temperature
- Aerospace and military application
- LMDS multi-carrier operation
- High peak to average handle capability
- All specifications can be modified upon request

Parameter	Min	Type	Max	Units
Frequency Range	2-4			GHz
Insertion Loss		0.40	0.50	dB
Isolation (Note 1)	18	19		dB
VSWR		1.30	1.35	:1
Forward Power (CW)			50	W
Reverse Power (CW)			5	W
Rotation	Clockwise (Standard) Counter Clockwise (upon request)			
Input /Output Connector	SMA-Female			
Finishing	Nickel Plated			
Case Material	Aluminum alloy			
Operational Temp.	-20		70	°C
Storage Temp.	-45		85	°C
Altitude				ft.
Weight				g
Impedance	50			Ω
Vibration	10g 15 degree 2KHz			RMS
Humidity	100% RH at 35c, 95%RH at 40°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)

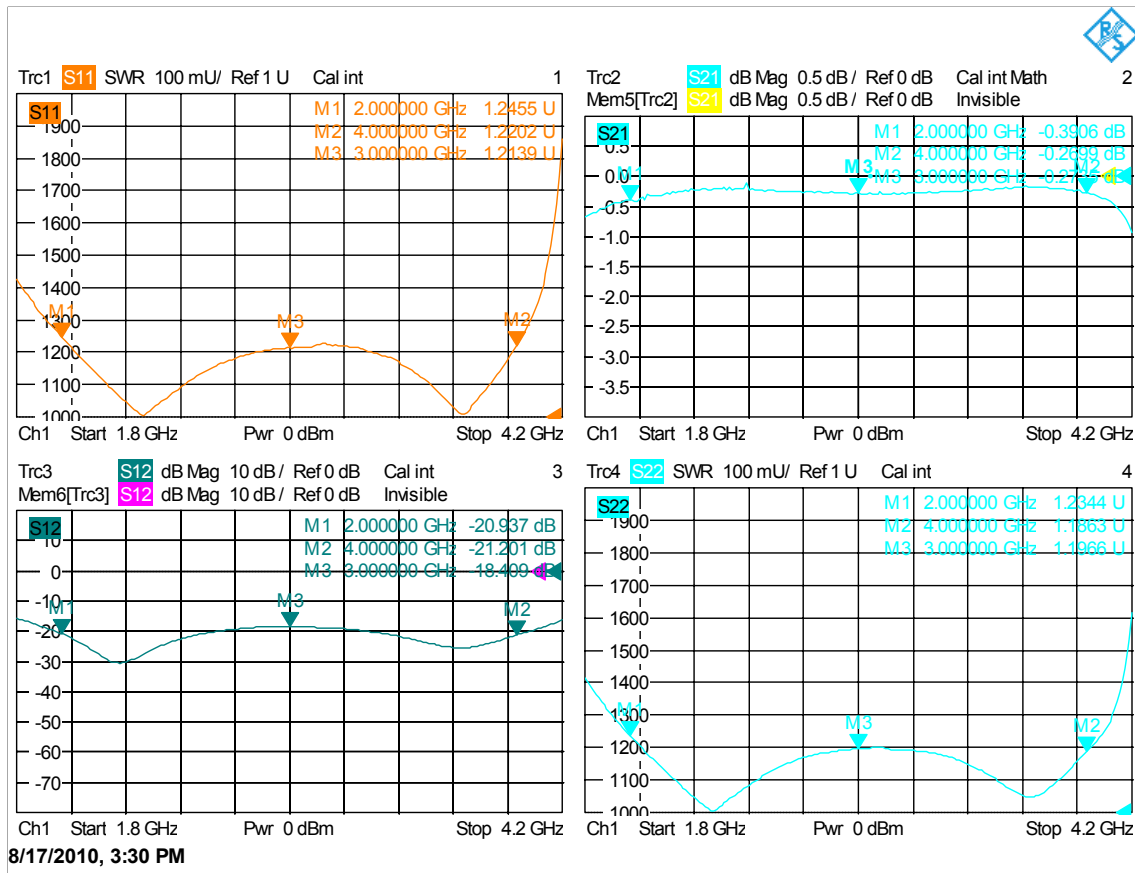
Ask manufacture for detail



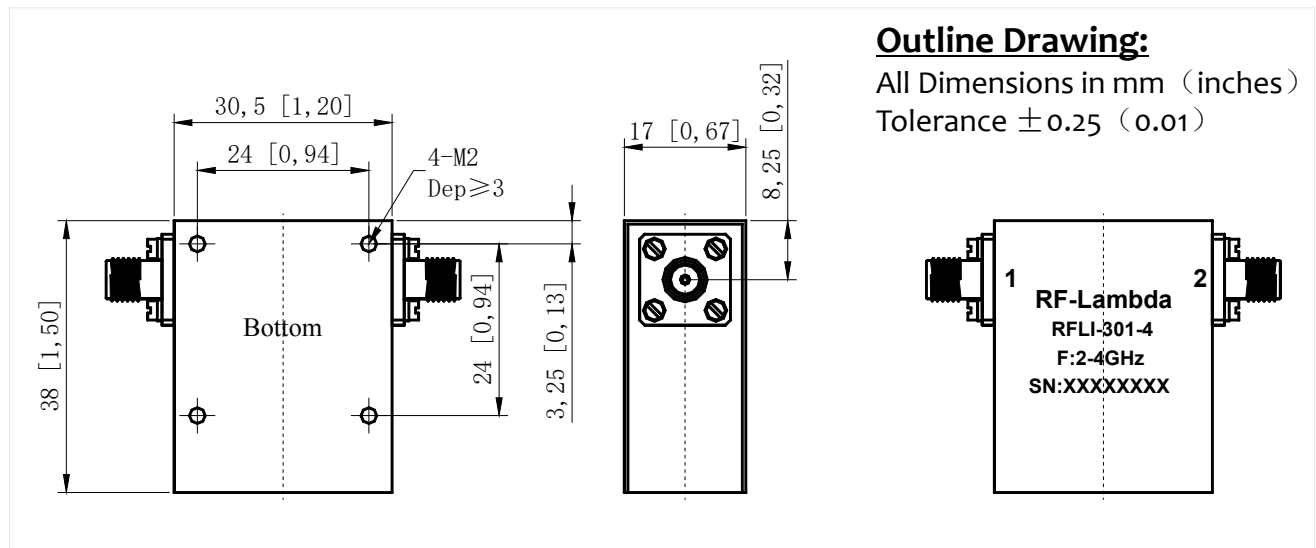
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RFLI-301-4



Wide Band Coaxial Isolator 2-4GHz



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