



# RF-LAMBDA

The power beyond expectations

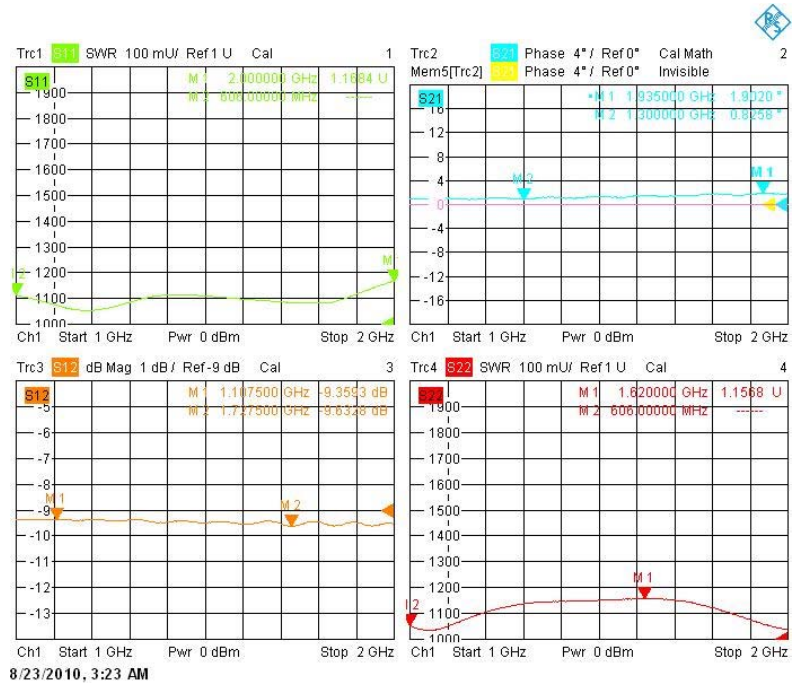
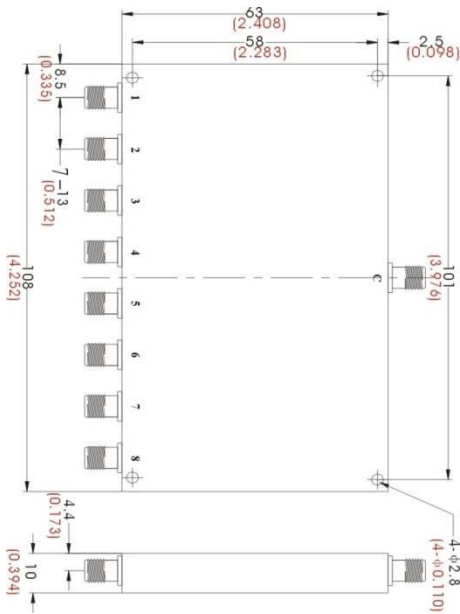
## RFLT8W1Go2G

### Wide Band Power Divider



- Very small package
- Excellent phase and amplitude balance
- Bi-Directional as divider and combiner \*
- Low Insertion loss and high isolation
- Standard: MIL E-5400, MIL E-16400
- High power handling capability
- \* 3W/2W maximum input when work as combiner.

Electrical Specifications				
Frequency (GHz)	Insertion Loss (dB)	Isolation (dB)	Phase unbalance (degree)	Amplitude Unbalance (dB)
1-2	0.7	20	5	0.4
Forward Power (W)	Impedance ( $\Omega$ )	Reverse Power (W)	Input VSWR	Output VSWR
20	50	3	1.3	1.2



### Environmental Specifications:

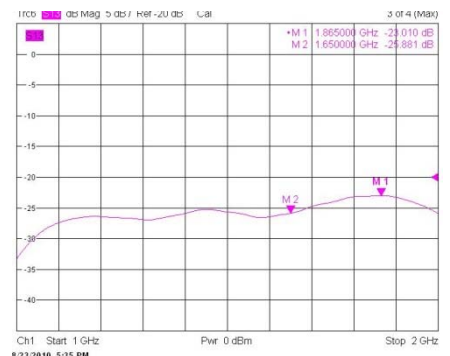
Operating Temperature: -55 °C~+85 °C

Storage Temperature: -55 °C~+95 °C

Applications: Indoor, 0-95 °C

### Note:

- Forward power is tested with the output VSWR 1.5:1 of the loads. The power handling will be cut down when the output port connect with a high VSWR. Ensure the output VSWR<1.5, avoiding output port open or short.
- The power Handling capability is 10 watts when used as divider with the load VSWR<1.2. the power Handling down to 2 watts when used as combiner.
- Ensure connectors be in flat connection with outer connectors, advise to use a torque wrench.



1.0GHz-2.0GHz 8-Way Power Divider