

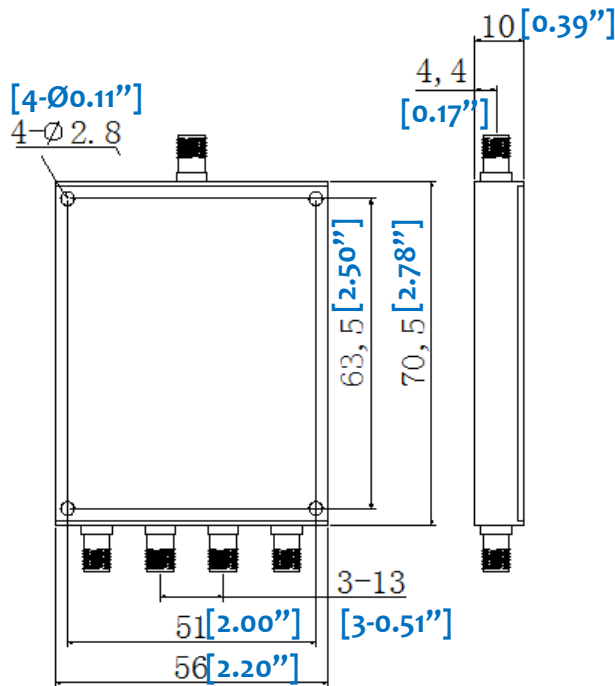


### Wide Band Power Divider

- 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)
1-8	1.4	20	±6	0.3
Forward Power (W)	Impedance (Ω)	Reverse Power (W)	Input VSWR	Output VSWR
30	50	3	1.5	1.4



### Environmental Specifications:

- Operating Temperature: -55 °C~+85° C
- Storage Temperature: -55 °C~+95° C
- Applications: Indoor, 0-95% ° C

### Note:

1. 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.
2. 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.
3. Ensure connectors be in flat connection with outer connectors, advise to use a torque wrench.



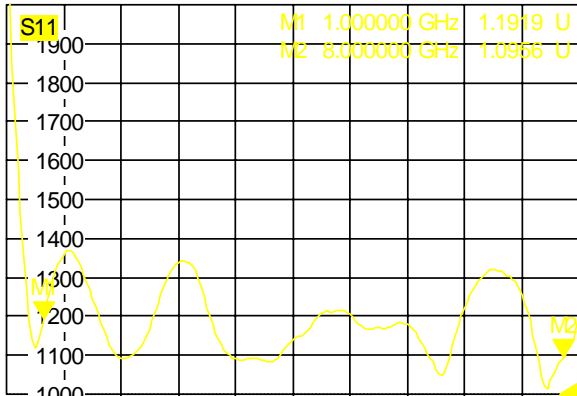
# RF-LAMBDA

The power beyond expectations

## RFLT4W1Go8G

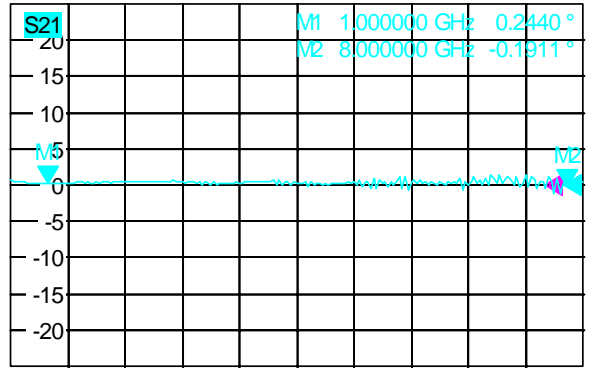
1.0GHz-8.0GHz 4-Way Power Divider

Trc1 **S11** SWR 100 mU/ Ref 1 U Cal 1



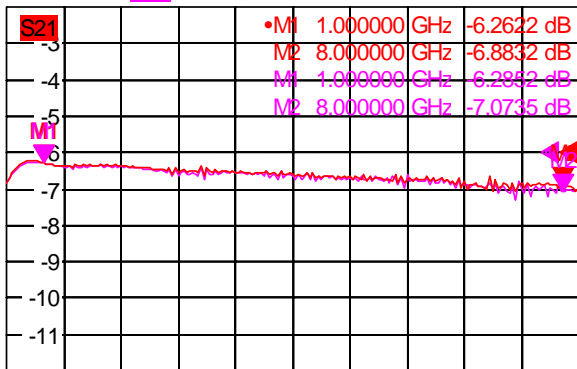
Ch1 Base Freq Start 500 MHz 0 dBm Stop 8.2 GHz

Trc2 **S21** Phase 5° / Ref 0° Cal Math 2  
Mem6[Trc2] **S21** Phase 5° / Ref 0° Invisible



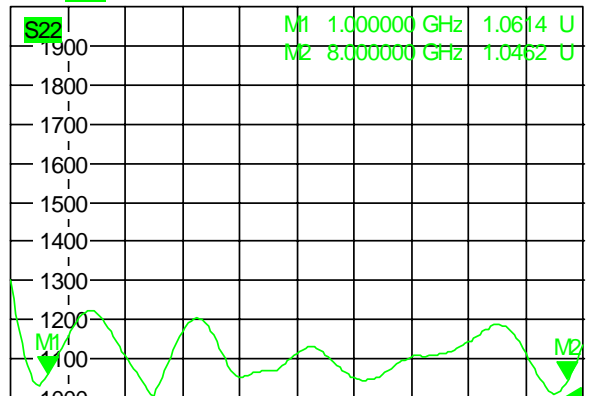
Ch1 Base Freq Start 500 MHz 0 dBm Stop 8.2 GHz

Trc3 **S21** dB Mag 1 dB / Ref -6 dB Cal 3  
Mem5[Trc3] **S21** dB Mag 1 dB / Ref -6 dB



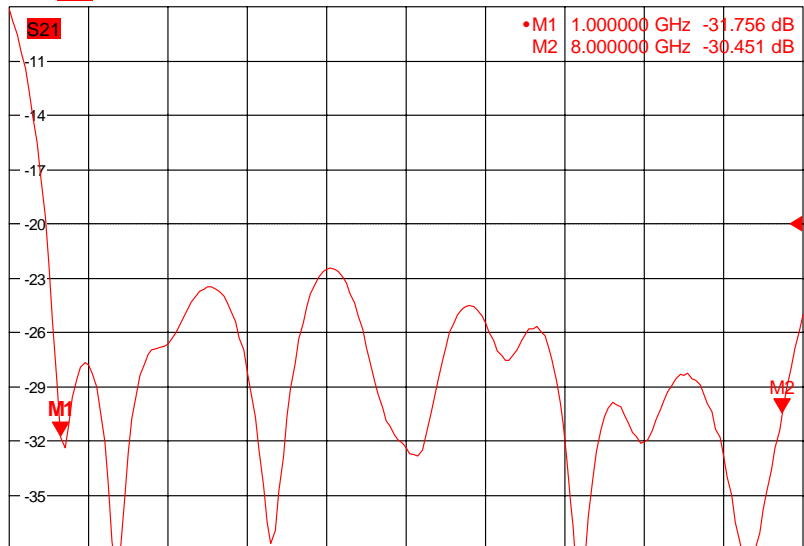
Ch1 Base Freq Start 500 MHz 0 dBm Stop 8.2 GHz

Trc4 **S22** SWR 100 mU/ Ref 1 U Cal 4



Ch1 Base Freq Start 500 MHz 0 dBm Stop 8.2 GHz

Trc3 **S21** dB Mag 3 dB / Ref -20 dB Cal 3 (Max)



Ch1 Base Freq Start 500 MHz Base Pwr 0 dBm Stop 8.2 GHz