



RF-LAMBDA

The power beyond expectations

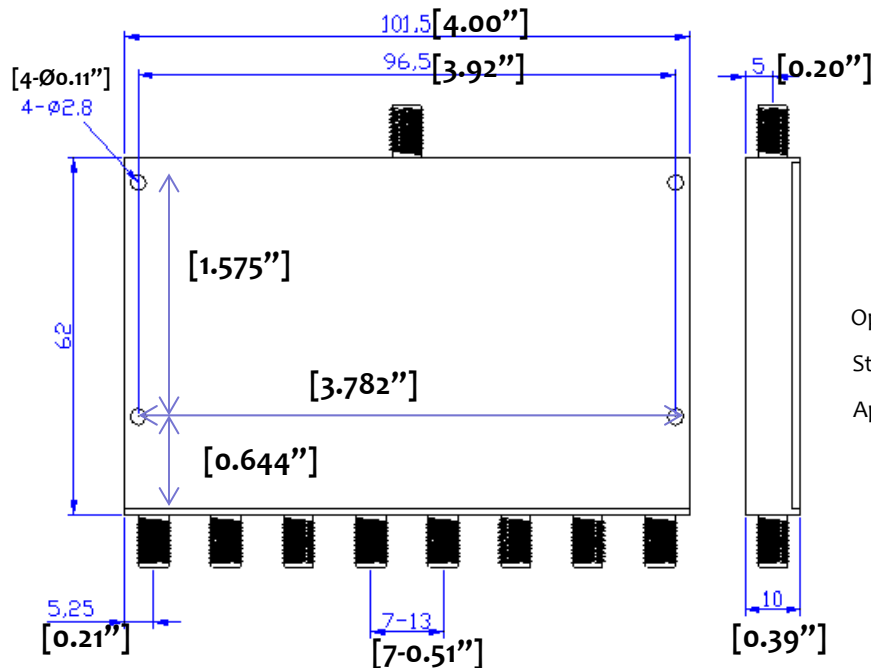
RFLT8W4G18G



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)
4-18	1.8	18	± 6	0.5
Forward Power (W)	Impedance (Ω)	Reverse Power (W)	Input VSWR	Output VSWR
30	50	2	1.7	1.5



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.

Environmental Specifications:

- Operating Temperature: $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Storage Temperature: $-55^{\circ}\text{C} \sim +95^{\circ}\text{C}$
- Applications: Indoor, 0-95% °C

4.0GHz-18.0GHz 8-Way Power Divider

