



# RF-LAMBDA

The power beyond expectations

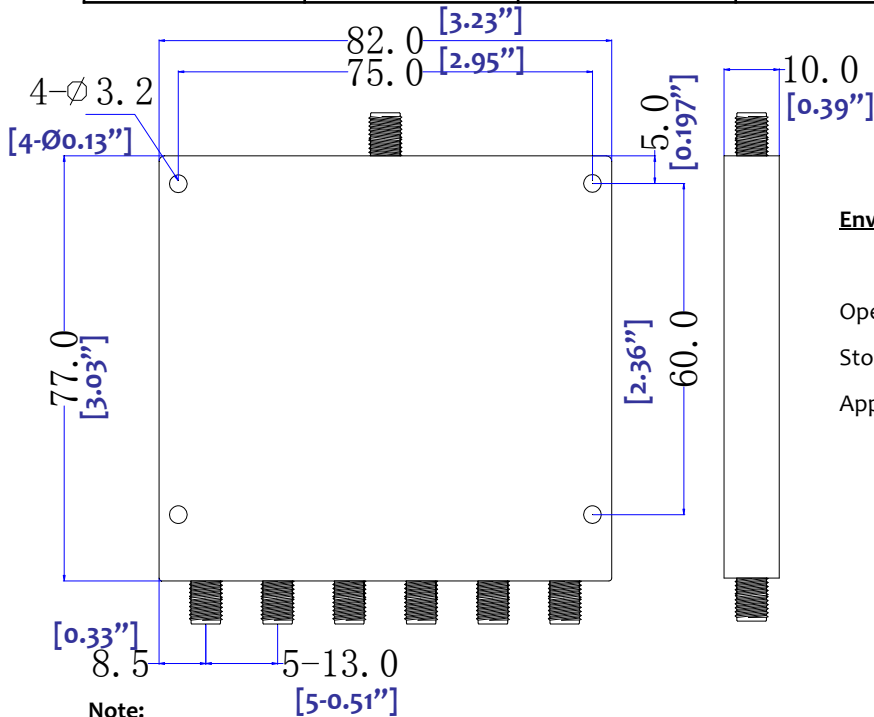
## RFLT6W4G18G



### 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	2.0	16	$\pm 8$	$\pm 0.7$
Forward Power (W)	Impedance ( $\Omega$ )	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%  $^{\circ}\text{C}$

4GHz-18GHz 6-Way Power Divider