



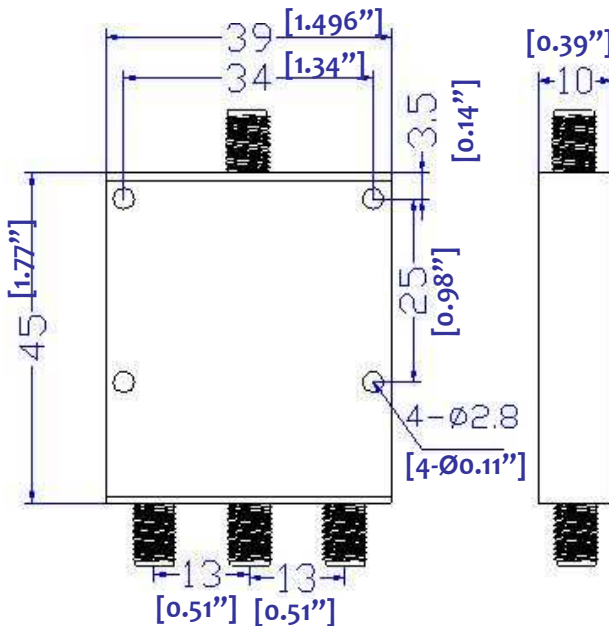
### Wide Band Power Divider



- 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	1.3	18	±6	±0.7
Forward Power (W)	Impedance (Ω)	Reverse Power (W)	Input VSWR	Output VSWR
30	50	2	1.6	1.5



### 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.