



EMC Technology/Florida RF Labs



Supplier of RF Passive Components for the Military, Aerospace, Broadcast, Space, Medical, Telecom and Wireless Communication Markets

High Power Resistor Components

- [Resistors](#)
- [Terminations](#)
- [Attenuators](#)

Available ROHS compliant in multiple package styles and various substrates: Flange, Tab & Cover, Chip, Flip Chip, SMT

Temperature Compensating Resistor Components

- [Temperature Compensating Attenuators](#)
 - Passive attenuators that can compensate for attenuation over temperature variations. Devices are available to 36GHz
- [Power Sensing Terminations \(PST\)](#)
 - True RMS Power Sensing with internal temperature compensating resistors
- [Temperature Variable Equalizers](#)
 - A temperature variable slope correction chip component

Signal Processing Components

- [SMT Hybrid Couplers](#)
- [SMT Directional Couplers](#)
- SMT Directional Sampler
 - DC to 2 GHz power sampler in an ultra small package.
- [SMT Crossover](#)
 - Chip based RF jumper
- [SMT Power Dividers](#)
 - Wilkinson style 0 degree phase difference
- SMT Balun

RF & Microwave Cable Assemblies

- Low Loss cable types available
- Frequencies up to 65 GHz
- Phase Matching capabilities
- Semi-Rigid, Semi-Flexible and Flexible cable types available

Passive Integration

- All of the above components can be integrated on a single piece of ceramic
- Customer component footprints can be added for placement along with the designed circuit
- Customer feedback and interaction welcomed for custom integration.

Examples:

- SMT Crossover combined with fixed attenuator
- Power Detection Circuit- Directional Coupler, Termination, Power Sensing Termination, fixed attenuator
- CRT – Coaxial Remote Termination

Visit us for more details on each product at the EMC/Florida RF Labs website:

<http://www.rflabs.com/> and <http://www.emct.com/>