



RF Components & Systems

Space Vector produces a variety of RF components suitable for launch vehicles, spacecraft, UAVs and other applications encountering severe environmental conditions.

- **RF Filters, Couplers, Amplifiers, and Switches**
 - Lowpass, Highpass, Bandpass, Band stop, All Pass Filters
 - Resistive, Branch-line, Wilkinson, Directional, Moreno, Bethol Couplers
 - LNA, PA, Distributed, Cascode, Darlington, Class A, Class AB, Class B
 - Reed relay, Pin Diode and FET based switches, both in series and shunt configurations
- **Support Circuitry**
 - Limiters, gain equalizer, attenuators, sequencers, thermal compensators, linearizers, Mixers, PLL's, Modulators, Phase shifters, bias tee's, etc.
- **Frequency Converters**
 - Block Down, Block Up and Frequency Tuned Down
- **Telemetry Antennas**
 - Microstrip, helical, omni-directional with integral LNAs and airborne blades
 - Unique designs include sector-scan antennas for telemetry, phased antenna systems and complete single channel monopulse feeds for parabolic reflector antennas.
- **Telemetry Signal Simulators**
 - Antenna bore sight systems, portable hand-held field units and rack-mounted laboratory units
- **Amplifiers and Microwave Circuits**
 - Fixed and Tuned Phased Locked Oscillators and Monopulse Converters
- **Telemetry Transmitters**
 - PCM-FM transmitters and s-band video transmitters