

## RF and Microwave Products

	<p><b>Engineered RF Interconnect Systems</b></p>	<ul style="list-style-type: none"> <li>• Modified standard RF connectors</li> <li>• Board to board RF connectors</li> <li>• RF Cable Assemblies</li> </ul>	<ul style="list-style-type: none"> <li>• True 75 ohm</li> <li>• Ruggedized (IP67) connectors and assemblies.</li> </ul>
	<p><b>RF and Microwave Connectors and Cable Assemblies.</b></p>	<p><b>mm wave interfaces;</b></p> <ul style="list-style-type: none"> <li>• SMP, SMPM, SMPS,</li> <li>• 2.92mm, 1.85mm</li> </ul>	<ul style="list-style-type: none"> <li>• Blind mate and ganged solutions (BMA, VITA 67, SMP, SMPM)</li> <li>• QPL fixed attenuators, and connectors</li> </ul>
	<p><b>RF, Microwave, and Millimeter Wave Components and Systems.</b></p>	<ul style="list-style-type: none"> <li>• Amplifiers</li> <li>• Couplers, dividers</li> <li>• Delay Lines</li> <li>• Filters</li> <li>• Frequency Sources</li> </ul>	<ul style="list-style-type: none"> <li>• Multi-Function Assemblies</li> <li>• Switched Filter Banks</li> <li>• Switches</li> <li>• Thin Film Circuits (substrates, assemblies)</li> </ul>
	<p><b>Coaxial and SMT Resistive Components</b></p>	<ul style="list-style-type: none"> <li>• Attenuators</li> <li>• Bias Tees</li> <li>• Couplers</li> <li>• DC Blocks</li> </ul>	<ul style="list-style-type: none"> <li>• Equalizers</li> <li>• Power Dividers</li> <li>• Terminations</li> <li>• Test Cables</li> </ul>
	<p><b>Extremely stable, precision quartz crystal oscillators</b></p>	<ul style="list-style-type: none"> <li>• OCXOs</li> <li>• TCXOs</li> <li>• VCXOs</li> </ul>	<ul style="list-style-type: none"> <li>• Clock Oscillators</li> </ul>
	<p><b>MMICs to 6GHz</b></p>	<ul style="list-style-type: none"> <li>• Infrastructure LNAs</li> <li>• High power LNAs</li> </ul>	<ul style="list-style-type: none"> <li>• Broadband LNAs</li> <li>• High linearity gain blocks</li> </ul>
	<p><b>RF and Microwave Inductors</b></p>	<ul style="list-style-type: none"> <li>• Wideband conicals</li> <li>• Air coils</li> </ul>	<ul style="list-style-type: none"> <li>• Fixed inductors (MIL-PRF-83446)</li> <li>• Tunable inductors (MIL-PRF-15305)</li> </ul>
	<p><b>PTFE/woven materials for microwave, RF, and high speed digital applications.</b></p>	<ul style="list-style-type: none"> <li>• Extremely stable base and prepreg materials for rigid and flex circuits</li> </ul>	<ul style="list-style-type: none"> <li>• Ideal for high frequency, high power and low PIM designs</li> </ul>
	<p><b>MMICs to 100 GHz</b></p>	<ul style="list-style-type: none"> <li>• LNAs/HPAs/MPAs</li> <li>• Switches</li> <li>• Digital Attenuators</li> </ul>	<ul style="list-style-type: none"> <li>• Detectors</li> <li>• IQ up/down converters</li> <li>• Foundry Services</li> </ul>

### RF / Microwave Connectorized Components

Adapters	Amphenol RF SV Microwave		Dividers, Power	API Technologies
Amplifiers, High Power, High Linearity, Low Phase Noise, Low Cost, AGC, Limiting	API Technologies		Filters - Cavity, Ceramic, Coaxial, Lumped Element, SAW, Suspended Substrate, Waveguide	API Technologies
Antennas, Patch and Planar	API Technologies		Gain Equalizers	API Inmet
Attenuators, fixed	API Inmet SV Microwave – QPL		Limiters	API Technologies
Bias Tees	API Inmet		Mixers	API Technologies
Cable Assemblies	Amphenol RF SV Microwave		Oscillators, PLOs, Multiplied PLOs DROs, CROs, SAW, VCOs, DCXOs, DTOs, FMOs, MROs	API Technologies
Cables, Test	Amphenol RF SV Microwave		Opens and Shorts	API Inmet
Comb Generators	API Technologies		Phase Shifters	
Connectors, Coaxial	Amphenol RF SV Microwave		Rotary Joints	API Technologies
Couplers	API Technologies		Switches	API Technologies
DC Blocks	API Inmet		Synthesizers	API Technologies
Delay Lines	API Technologies		Terminations	Aeroflex Inmet
Detectors	API Technologies			

### RF / Microwave PCB Components

Amplifiers – LNAs, MPAs, HPAs, Gain blocks	API Technologies Guerilla RF – MMIC to 6GHz UMS – to 85 GHz		Inductors – Air Coils, Conicals, Tuneable, QPL	Piconics
Attenuators, Chip and Flange	Aeroflex Inmet		Limiters	API Technologies
Attenuators, Digital, Analog	API Technologies UMS - MMIC		Mixers	API Technologies UMS
Detectors	API Technologies UMS - MMIC		Multiplier - MMIC	UMS
Diodes – Multiplier, Varactor, PIN	API Technologies		Oscillators, SAW VCXO, TCXO, OCXO VCO - MMIC	API Technologies Greenray Industries UMS
Down Converter - MMIC	UMS		Phase Shifter - MMIC	UMS
PIN Diode Drivers	API Technologies		Resistors	API Inmet
Filters - Ceramic, Lumped Element, SAW, BAW	API Technologies		Switches	API Technologies Guerilla RF- to 3.8 GHz UMS – to 26 GHz
Hybrid Couplers – Wireline, Wirepac	API Technologies		Terminations – Chip	Aeroflex Inmet

### RF / Microwave Subsystems and Other

Active Array Unit	API Technologies		Switched Filter Banks	API Technologies
Build To Print	API Technologies		Switchable Multi Channel Amps	API Technologies
DFD's and IFM's	API Technologies		Thin Film substrates and Assy	API Technologies
Filtered GPS LNA's	API Technologies		Thick Film Substrate and Assy	API Technologies
Frequency Multipliers	API Technologies		Up/Down Converters	API Technologies
S-Band Dual T/R Module	API Technologies		Foundry Services, GaAs, GaN	UMS