



Rugged RF and Microwave Products

Advanced Microwave Products (AMP) is a privately owned manufacturing and design facility located in picturesque Reno, Nevada. AMP's engineering staff is experienced in a broad range of active and passive RF and microwave electronics and embedded software and firmware design. With a full suite of design tools and test equipment, our factory is configured to support total project management from the design and prototype stages through full production. Our innovative designs, lean manufacturing methods, and commitment to customer service and satisfaction ensure competitive prices and lead times on all products. We take great pride in being a price/delivery/quality leader in our industries.

AMP's standard product lines include:

- Miniature analog FM video transmitters and receivers with up to 2 audio or data subcarriers
- Encrypted analog FM video transmitters and receivers with interleaved audio
- Narrow bandwidth COFDM digital video transmitters and receivers with audio and data
- PCM/FM data transmitters and receivers with data subcarriers
- Low cost, low noise, RoHS SATCOM synthesizers



AMP's miniature Video and PCM/FM products offer many industry leading features including full frequency selection, low current draw, dual audio or data subcarriers, selectable video inversion, dual transmitter power control, the highest transmitter output powers in the smallest packages, diversity reception, and very low receiver noise figure.

Our Encrypted analog FM video products offer all the same advantages as our standard lines and feature Micro-View/Audio-Lock encryption for applications requiring secure communications.

For applications requiring secure communication in urban and/or high multipath environments, we offer our narrow bandwidth COFDM products, featuring an optimal balance of package size, power consumption, configurability, bandwidth, and data rate. An optional COFDM remote control data link ensures the ability to remotely command and control concealed transmitters and PTZ cameras.

Our SATCOM synthesizers offer a previously unattainable combination of low cost, low phase noise, and RoHS-compliance. With very wide RF tuning bandwidths, a single standard design may be used for standard and extended frequency plans with any standard IF frequency while maintaining phase noise 10 dB better than standards.

With military telemetry heritage and high quality packaging, all AMP products are built to withstand harsh environments. If one of our standard products does not fit your application or if you require a custom product, our experienced design team welcomes your custom specifications and design requirements.

Our products are utilized in a wide variety of applications including law enforcement surveillance (covert and overt), military surveillance, military telemetry, unmanned aerial vehicles (UAV), unmanned ground vehicles (UGV), robotics, hazmat & safety, satellite communications, and assorted other applications requiring high quality wireless communications.