



What It Is

ETM's line of airborne amplifiers is tailored to specific requirements. Our airborne capabilities include CW and Pulsed RF/microwave suitable for Electronic Warfare, Radar and Communications applications. Our product line includes Solid State, TWT, or combination; Broadband and Narrow Band.

Broadband models are available for Electronic Warfare; narrow band is more suitable for Radar and SatCom/Data Link.

ETM designs are adaptable to any common aircraft-supplied Voltage and Frequency, including AC or DC input. Cooling options include:

- Conduction, Baseplate-mount
- Integral Liquid Cooling
- Forced Air or Pod-based Ram Air



Notable Specs & Features

- Dense form factor per user specification
- Power up to 750W CW or 8kW Pulsed
- AC or DC Input
- Operating temperature -40C to +85C
- Mil-Std-810G for Shock and Vibration
- Mil-Std-461E for EMI (RE, RS, CE, CS)

Why It's Important

ETM's abilities in the airborne market allow us to respond to any defense or commercial requirement that needs a SWAP-critical solution.

- Tailored packaging to allow for form, fit, function replacements or custom size requirements
- All relevant Shock, Vibration, and EMI standards
- Manufacturing capacity ranging from one-offs to volume production

Potential Markets

Primarily for Defense markets; commercial markets possible with growth of unmanned vehicle use in the commercial space.

- Airborne, Heliborne, Pod-based or non-pressurized cabin
- EW, Radar, and SatCom
- Emerging commercial applications requiring high data rates and beyond-LOS communication
- Fit, form, function replacement / legacy upgrades

