

TWT Amplifier

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The dB-4522 TWT amplifier from dB Control operates in the 11-18 GHz frequency range and provides 450 watts CW (at 11-17.5 GHz) and 400 watts CW (at 17.5-18 GHz) peak output power. It's designed for use in military manned and unmanned airborne applications, electronic countermeasures (ECM), EW threat simulation and high-power communications. Featuring very stable RF performance and built-in forced air cooling, the dB-4522 meets MIL-E 5400T equipment standards and operates reliably in harsh environments with temperatures between -40°C to $+71^{\circ}\text{C}$ ambient and at altitudes of up to 50,000 feet.

