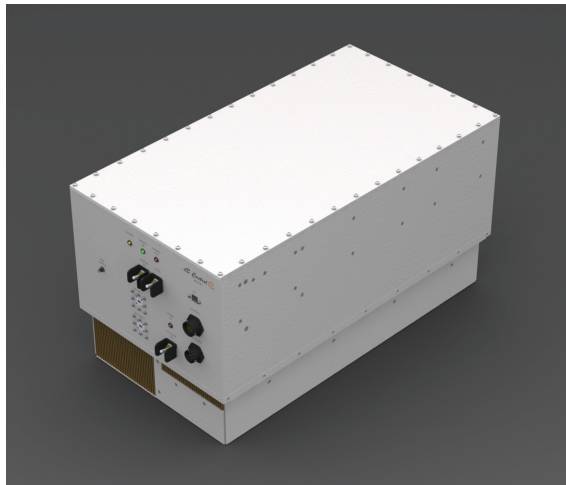


Products for Defense

High-Power Ka-Band 700W Pulse TWT Amplifier

dB Control Inc.



Featuring an outdoor hub-mount configuration, the dB-3709i Ka-band traveling wave tube (TWT) amplifier was designed for ground and mobile radar applications. It operates in the 34.5 to 35.5 GHz frequency range and provides 700W minimum peak output power at a duty cycle of up to ten percent. The TWT amplifier is suitable for radar, test and measurement, antenna patterns and radar cross-section measurements. It is specifically designed for reliable performance in extremely harsh environments and for easy field maintenance. The dB-3709i is encased in an environmentally-sealed package to ensure reliable performance even in the harshest environments. The TWTA is designed for outdoor and antenna pedestal-mounted applications, and uses integral forced-air cooling for thermal management.