

Microwave power module line packs punch

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Fremont, Calif. – dB Control has added four models to its family of Microwave Power Modules (MPMs).

The compact MPM Models dB-3757, dB-4117, dB-4210 and dB-4211 are designed to operate in military manned and unmanned airborne applications, including electronic countermeasures (ECM), radar, and airborne datalinks.

dB Control's MPMs consist of a solid state amplifier driving a vacuum power booster in a compact package. The power conditioner, which generates all voltage needed for operating RF devices, incorporates low-noise power supply topology and features high-efficiency, solid-state power conversion circuits.

The dB-3757 delivers 6- to 18-GHz, 1500-W peak power at six percent duty cycle; the dB-4211, 6.5- to 18-GHz, 200W CW/Pulse; dB-4117, 18- to 40-GHz, 50W CW/Pulse; and dB-4210, 2- to 7-GHz, 200W CW/Pulse.

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