



DC – 110 GHz · BROADBAND COMPONENTS ·
FREQUENCY MULTIPLIERS · DEFENSE · MADE IN
USA

Wright Technologies designs broadband RF and microwave components for defence and SATCOM applications. bq-microwave is your authorised European distributor.



Product Portfolio

Broadband Amplifiers

TO 96 GHz

Multi-octave and narrowband designs, low-noise and medium-power variants for defence, SATCOM and test systems.

Frequency Multipliers

TO 96 GHz

Doublers, triplers and quadruplers in both broadband and narrowband configurations — including TWT drivers and LO sources.

Up/Down Converters

TO 50 GHz

Frequency conversion assemblies with 20 to 35 dB gain blocks. Custom configurations available to specification.

Custom Solutions

ON REQUEST

Bespoke RF assemblies engineered to your requirements.

Strengths at a glance

US Manufacturer

Designed and manufactured in the United States — TAA-compliant and qualified for defence procurement. Established supplier to US DoD programmes.

MIL-STD Qualified

Quality processes certified to US military specifications (MIL-PRF-39012, MIL-STD-202, MIL-STD-883) and ISO 9001 registered.

Broadband DC – 110 GHz

Coverage from DC to millimetre-wave — frequency multipliers, mixers, filters and amplifiers for demanding applications.

Custom Engineering

Rapid custom design to your specification — from prototype to production in short cycles.

High Reliability

Assemblies rated for extreme environments, high vibration, shock and thermal stress.

Defence Heritage

Decades of experience supporting US defence and aerospace programmes — trusted partner for mission-critical platforms.

Industries & Use Cases

Defence

Radar, EW and communications systems across land, maritime and airborne platforms.

SATCOM

Ground stations, mobile terminals and satellite payloads — both military and commercial networks.

Electronic Warfare

Signal routing and RF processing in EW and intelligence platforms with stringent reliability requirements.

Radar Systems

Pulse compression, frequency generation and receiver front-ends for ground-based and airborne radar.

Avionics

High-reliability assemblies for onboard electronics, identification systems and data links.

Test & Measurement

Precision RF building blocks for ATE systems and calibrated test environments to 110 GHz.

Available through bq-microwave

bq-microwave is the authorized European distributor for Wright Technologies. Fast procurement, short lead times and personal technical consultation.

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