ANNOUNCEMENT

MHz Technologies is delighted to announce it has been appoint edexclusive distributor and representative of KVG GmbH in the United Kingdom

KVG is a company that produces high-precision oscillators, crystals, filters and modules for satellite, telecommunications, defence, aerospace, medical and high-end audio sectors.

EXHIBITIONS AND CONFERENCES

MHz attended DSEI Conference



We were pleased to attend DSEI UK 2025 (9-12 September 2025, ExCeL London), the premier defence and security exhibition bringing together global suppliers, armed forces, and industry leaders.
Our participation enabled us to showcase our capabilities, meet key procurement stakeholders, and strengthen relationships within the
defence electronics supply chain.

MHz Attended EuMW Conferen-



We also participated in European Microwave Week 2025 (21-26 September 2025, Utrecht), the leading European forum for microwave, RF and mm-wave technologies. This event provided excellent opportunities to explore the latest industry innovations, engage in technical workshops, and connect with peers focused on the next generation of RF and microwave systems

MHz attended ARMMS Conference



MHz Electronics exhibited at the ARMMS RF & Microwave Conference on 17–18 November 2025 at The Cambridge Belfry, Cambourne

ARMMS
RF & Microwave Society

Alaris Kuhne launches new high power Microwave Generators designed to improve health outcomes and industrial performance. Trusted in medical treatments such as microwave ablation, our generators deliver precise, reliable energy for minimally invasive procedures. Equally at home in industrial
settings, they power advanced applications like plasma generation, where control and consistency are critical. Built in-house with over 30 years of RF expertise, our systems set the standard in 2.45 GHz ISM-band technology.



KU SG 2.45-250 D Microwave Power Generator

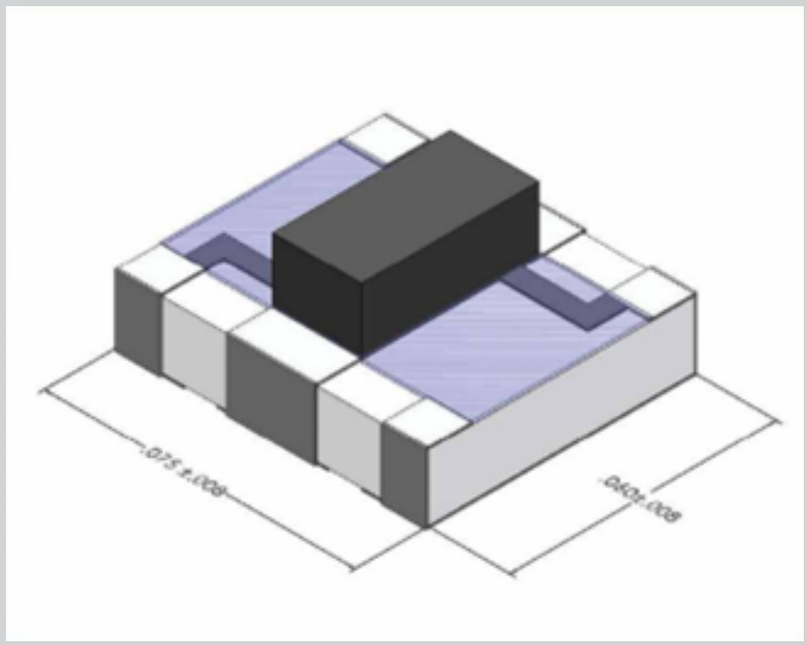
- Optimised for microwave ablation and heating applications.
- Provides precise power and frequency control, adjustable in 1 W steps, with sweep and pulse modes.
- 2.45 GHz / 250 W ISM-band source for reliable, controlled microwave energy delivery.

KU SG 2.45-450 A Microwave Power Generator

- Pulsed operation option; for improved thermal power distribution
- Offers precise power and frequency control for advanced applications.
- Functions as a standalone generator or as part of a power-combined system.

IMS High-Frequency Thin Film SMT Temperature Variable Attenuator (TVA)

IMS Resistors has introduced the AV-0607-C RevB High-Frequency Thin Film SMT Temperature Variable Attenuator (TVA) - engineered for high performance and stability in demanding RF environments.



Key Features:

- **Low-noise thin film construction**
- **Power dissipation up to 200 mW**
- **99.5% Al_2O_3 substrate for excellent thermal conductivity**
- **Nickel barrier with 100% matte tin finish for reliable solderability**
- **Well-defined Temperature Coefficient of Attenuation (TCA) from –40°C to +125°C**

Applications:

- **RF Power Amplifiers**
- **Multiband Communication Systems**
- **Broadcast Systems**

Designed for precision and consistency, the new TVA series expands IMS's portfolio of high-frequency passive components, offering dependable attenuation performance across variable temperature conditions.

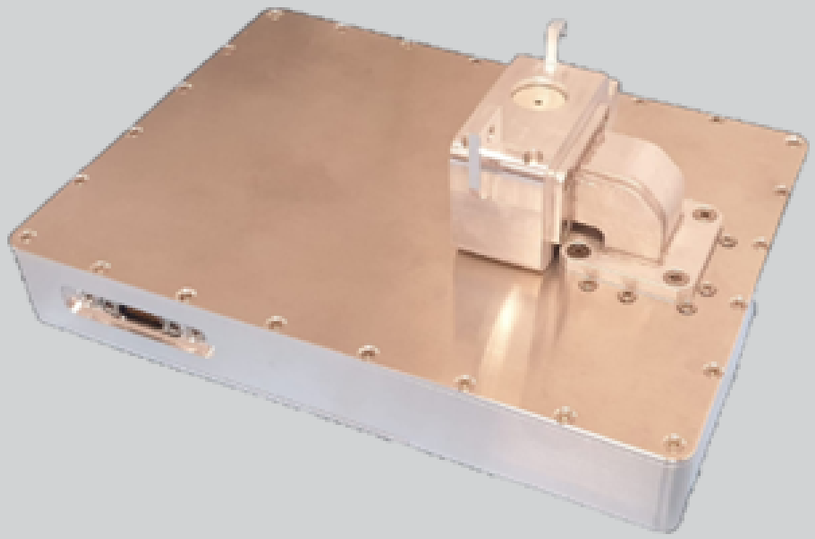
PRODUCT SECTION

Netcom's has launched 5670-10-C tunable filter that covers the frequency range of 30MHz to 520MHz. Model 5670-10-C filter is tunable bandpass filters that can be tuned over the frequency range of 30 to 520MHz. The EB56XX Evaluation Board is designed to test and evaluate Netcom's Model 5670 frequency agile filter. The filter has been designed using three bands of tunable filters. This tri-band filter is offered in a small integrated SMT package to support applications where compact design, power requirements, and board layout flexibility are important. It meets the vibration and shock requirements of systems used in ground-mobile and airborne environments.



Linwave Ku-Band 30W Block Upconverter (BUC)

Linwave Technology has introduced the LW30-100057 Ku Band Block Upconverter 13.75 to 14.5GHz, 32W) — a high-performance solution combining an integral driver with GaN power amplifier technology for superior efficiency and output power.



Designed for next-generation SATCOM and manpack/flyaway systems, the LW30-100057 offers high PAE performance, digital gain control, and integral output filtering. It is IESS 308/309 compliant and compatible with iDirect OpenBMIP™ standards, ensuring reliable integration across modern communication platforms. Optional configurations include extended temperature operation (–55°C to +85°C), ruggedized DO-160/MIL-STD variants, and custom control interfaces such as RS-422 or CANBUS.

Engineered for efficiency, stability, and flexibility, this new BUC strengthens Linwave's portfolio of high-reliability RF and microwave subsystems for demanding aerospace and communication environments.

mhz
TECHNOLOGIES

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