



NEWS

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Narda-MITEQ Announces 3 Solution Families at the 2023 IMS Conference

New products add capabilities for both military and commercial RF and microwave applications.

Hauppauge, New York, June 9, 2023 ... Narda-MITEQ, provider of the highest quality RF/microwave components, subsystems, spaceborne and SATCOM products, and IMAs for military and commercial applications, today introduced three product families to their robust line of solutions. Displayed on the Narda-MITEQ booth at the 2023 IMS Exhibition are new offerings for:

- General Purpose Broadband Couplers and Power Dividers
- Q and V Band Waveguide Components
- Medium Power Amplifiers

In announcing these new additions to the Narda-MITEQ solutions, Craig Lindberg, Narda-MITEQ's vice president and general manager, Strategy and Development, commented, "With these new offerings, Narda-MITEQ is extending our high quality solutions further into our customers' block diagrams and supporting the satcom industry's shift towards higher data rate communication bands, as well as delivering shorter lead times with competitive pricing. These are winning combinations for our customers, particularly those looking for high reliability U.S. manufactured solutions."

Narda-MITEQ Offers General Purpose Broadband Couplers and Power Dividers

Familiar light-blue Narda-brand delivers new benefits in complementary product family

Building on its decades-long reputation for high quality solutions, Narda-MITEQ is introducing a General Purpose family of broadband couplers and power dividers. These products are complementary to several of the legacy Narda-MITEQ models that are so recognizable to users worldwide in both military and commercial applications. The new products cover the majority of the same frequency ranges as Narda-MITEQ's legacy offering with very comparable RF performance. The key benefit for users:

considerably shorter lead times and generally favorable pricing.

The Narda-MITEQ General Purpose Broadband Couplers and Power Dividers deliver the highest quality and mechanical construction, with availability from Stock to 10 weeks delivery. Like the legacy offering of broadband couplers and power dividers, these new solutions are manufactured in the U.S., making them the right choice making them the right choice for the demanding requirements of military/defense applications and many commercial applications.

Narda-MITEQ will continue to offer the legacy model numbers for those customers who already have designed them into systems and prefer not to make the change due to the time and/or cost associated with requalification.

Narda-MITEQ New Q and V Band Waveguide Components Address Emerging Requirements for High Data Rate Communications

Enabling new ways to increase data throughput at millimeter-wave frequencies

In support of the growing number of applications associated with millimeter-wave frequencies, Narda-MITEQ is extending their portfolio of waveguide components by introducing several **Q and V band waveguide components**, including 30, 40 and 50dB crossguide couplers and right angle waveguide to coax adapters. Millimeter-waves allow wireless signals to be focused into narrower beams, enabling increased data transmission across longer distances. The higher and less crowded Q and V band frequencies, between 33GHz and 75GHz, are therefore an expanding target for several different possible applications such as commercial satellite feeder links, wireless backhaul, point to point/point to multi-point radio links, radio astronomy, remote sensing, and automotive radar just to name a handful. Narda-MITEQ's Q and V band waveguide components deliver the reliable, high quality, and robust performance required for these applications.

Narda-MITEQ Introduces Family of Medium Power Amplifiers, Extending Capabilities of Well-known High Performance Low Noise Amplifiers

Featuring 1 Watt Output over Multi-Octave Bandwidth, Integrated Protection and On/Off Capability, Combined with Narda-MITEQ Low Noise Figure

Extending their widely-used low-noise amplifiers (LNA) family, Narda-MITEQ is introducing a family of Medium Power Amplifiers (MPAS). MPAS amplifiers are universal broadband devices and are often used as gain blocks, driver or intermediate-stage amplifiers. Because the new Narda-MITEQ MPAS's deliver 1 Watt of linear power (P1dB) and a low Noise Figure (NF), an MPAS amplifier can be used as either a low-noise input stage or as the only amplifier in the receiver chain, **delivering significant cost savings**.

In addition to offering higher output power, Narda-MITEQ's MPAS's feature multi-octave bandwidth ranging from L to K band (2 to 20GHz), built-in thermal protection and reset, and over/under current alarm. The new family also offers improved matching for ease of design and integration, and electronic (TTL) On\Off switch capability to reduce power consumption. All Narda-MITEQ amplifiers are manufactured in the U.S. with the highest quality and robust mechanical construction, making them a strong choice for the demanding requirements of any military/defense or commercial application.

About Narda-MITEQ

Narda-MITEQ is an industry leader with more than seven decades delivering standard and custom RF/microwave components and subsystems solutions to customers meeting the challenges of next-generation military and commercial applications. Narda-MITEQ's durable, reliable, cost-effective, and high performance U.S. manufactured solutions address the exacting requirements found on land, sea, air and the harsh environment of space.

To learn more about Narda-MITEQ, visit www.nardamiteq.com, and follow us on Facebook, LinkedIn and Twitter. Contact us at 631-231-1700, or by email at componenetsnm@nardamiteq.com.
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