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# Quantic PMI (Planar Monolithics) honored by 2023 Military & Aerospace Electronics Innovators Awards

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## Content

### FOR IMMEDIATE RELEASE

Frederick, Maryland, November 2nd, 2023 – [Quantic PMI \(Planar Monolithics\)](#), designer & manufacturer of RF & Microwave Components & Integrated modules & subsystems announced today that its [Model PA-2G18G-43-5-40-SFF, High-Power Amplifier](#) was recognized among the best by the 2023 Military & Aerospace Electronics Innovators Awards. Votes placed by the engineering community recognized Quantic PMI as a Silver - Honoree in the aerospace and defense products and systems category.

The 2023 MAE Innovators Awards celebrates outstanding innovation in defense and aerospace for the engineering industry. Every year we showcase and reward companies, designers, and innovators who have contributed to the advancement of technology through their creative and impactful designs.

2023 MAE Innovators Award winners are chosen by the qualified judging panel chosen by the editorial staff at Military & Aerospace Electronics. Platinum, Gold, and Silver honorees are revealed every fall.

Quantic PMI Model PA-2G18G-43-5-40-SFF is a High-Power Amplifier designed for a remarkably low noise figure of 3.5 dB and Psat of 40 dBm (10 W) over the 2 to 18 GHz frequency range with a high gain of +43 dB and  $\pm 1.5$  dB gain flatness. This model has SMA connectors and an ultra-small package of 1.3" x 1.8" x 0.88". Optional model PA-2G18G-43-5-40-SFF-HS available with heatsink and 120 Vac cooling fan.

## About Military & Aerospace Electronics

Military & Aerospace Electronics is the leading media resource serving program and project managers, engineering managers, and engineers involved in electronic and electro-optic design for military, space, and aviation applications.

Military & Aerospace Electronics magazine delivers time-sensitive news, in-depth analyses, case studies, and real-world applications of new products, industry opinion, and the latest trends in the use of mil-spec, rugged and commercial off-the-shelf components, subsystems, and systems.

## Supporting Links:

[https://d2f6h2rm95zg9t.cloudfront.net/81644761/Press\\_Release\\_2023\\_Military\\_Aerospace\\_Electronics\\_Inovati](https://d2f6h2rm95zg9t.cloudfront.net/81644761/Press_Release_2023_Military_Aerospace_Electronics_Inovati)

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[https://d2f6h2rm95zg9t.cloudfront.net/81644761/PA\\_2G18G\\_43\\_5\\_40\\_SFF\\_65278960.pdf](https://d2f6h2rm95zg9t.cloudfront.net/81644761/PA_2G18G_43_5_40_SFF_65278960.pdf)

### **Supporting Videos:**

[https://youtu.be/OZHGnMq43X8?si=mLah\\_vf8twR4EXtO](https://youtu.be/OZHGnMq43X8?si=mLah_vf8twR4EXtO)

### **Tags:**

Aerospace & Defense, Military, RF, Semiconductors, Test & Measurement

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### **About Us:**

**Heading** : About PMI

Planar Monolithics Industries (PMI) was founded on November 11, 1989 by Dr. Ashok (Ash) Gorwara and quickly became a leading supplier of high-reliability radio frequency (RF), microwave, and millimeter-wave components and subsystems for mission-critical applications in military, aerospace, communications, commercial, and industrial markets.

PMI offers a broad portfolio of state-of-the-art RF and microwave products, including hybrid MMIC components, modules, and integrated subsystems. The company's product range encompasses thousands of commercial-off-the-shelf (COTS) models with detailed specifications such as S-parameters and 3D models available on demand.

The company operates ISO 9001:2015 and AS9100D certified facilities in Frederick, Maryland and El Dorado Hills, California, USA, and its products are built to rigorous military and industrial standards for reliability and performance.

In March 2021, Quantic™ Electronics — a portfolio company of Arcline Investment Management — acquired PMI, and since then the business has been branded as Quantic PMI (Planar Monolithics). Under the Quantic umbrella, PMI continues to expand its engineering and manufacturing capabilities and support for RF/microwave technologies across defense, aerospace, industrial, and commercial sectors.

PMI emphasizes robust engineering design, rigorous testing, and extensive supply chain support, enabling the company to deliver tailored and high-performance RF and microwave solutions from DC up to millimeter-wave frequencies.