

NUWAVES ENGINEERING INTRODUCES A SOLID-STATE, HIGH-POWERED AMPLIFIER FOR S-BAND

Middletown, Ohio, December 20th, 2021 – NuWaves Engineering, an international Radio Frequency (RF) and Microwave solutions provider, announces the release of an innovative, high-powered amplifier, the NuPower™ S100A01.

The NuPower™ S100A01 S-Band Amplifier is a small, lightweight, high-power amplifier ideal for unmanned aerial systems (UAS), RF telemetry, electronic warfare, and signal jamming applications. The S100A01 amplifier generates 125 watts (typ) of RF power from 2000 MHz to 2500 MHz in transmit mode and provides 21 dB of gain. It is housed in a small form factor system (6.5" x 4.5" x 1.0"), making it ideal for size, weight, and power-constrained applications.

“We are excited to release this high-powered amplifier as an addition to our expansive NuPower™ line. The NuPower™ S100A01 will allow customers to extend the range of their communication and military aircraft systems”, said Jeff Wells, President and CEO of NuWaves Engineering. “The NuWaves’ team takes pride in our ability to support our clients with best-in-class RF solutions, rapidly fulfilling the ever-changing needs of the Warfighter.”

NuWaves Engineering is a veteran-owned, premier supplier of RF and Microwave solutions for Department of Defense (DoD), government, and industrial customers. An RF engineering powerhouse, NuWaves offers a broad range of design and engineering services related to the development and sustainment of key communications, telemetry, and electronic warfare systems, as well as a complete line of commercially available RF products. NuWaves’ products include wideband frequency converters, high-efficiency and miniature solid-state power amplifiers and bidirectional amplifiers, high intercept low noise amplifiers, and miniature RF filters. NuWaves Engineering...Trusted RF Solutions™.

The NuPower™ S100A01 is now available in the fourth quarter of 2021. Please contact the Business Development Team at (513) 360-0800, sales@nuwaves.com, or visit www.nuwaves.com for more information.



Figure 1 NuPower™ S100A01

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