

NUWAVES ENGINEERING INTRODUCES A SOLID-STATE BIDIRECTIONAL AMPLIFIER FOR L- AND S-BAND

Middletown, Ohio, February 4th, 2022 – NuWaves Engineering, an international Radio Frequency (RF) and Microwave solutions provider, announces the release of the NuPower Xtender™ LS-10-C01-S01-D30 power amplifier.

The NuPower XtenderLS-10-C01-S01-D30 L- and S-Band Amplifier is a small, lightweight, and power-efficient amplifier that generates 20 watts of RF power across 1000 MHz to 2500 MHz frequency range. Accepting a +30 dBm RF input, the Xtender™ typically provides 13 dB of gain. Adjacent radio frequency bands, such as the popular 900 MHz Industrial, Scientific and Medical (ISM) band, are also supported by the bidirectional power amplifier, at lower peak power levels.

“The NuWaves Team is excited to expand our bidirectional amplifier selection with this miniaturized, 20-Watt module”, said Jeff Wells, President and CEO of NuWaves Engineering. “We take 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 Xtender™ LS-10-C01-S01-D30 is now available in the first quarter of 2022. Please contact the Business Development Team at (513) 360-0800, sales@nuwaves.com, or visit www.nuwaves.com for more information.



Figure 1 NuPower Xtender™ LS-10-C01-S01-D30

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