



Press Release

February 3, 2011

Giga-tronics introduces new Instrument-Grade Broadband Microwave Power Amplifiers covering 100 MHz to 20 GHz and 10 MHz to 40 GHz

SAN RAMON, Calif. — February 3, 2011. Giga-tronics has introduced the GT-1020A and GT-1040A Instrument-Grade Broadband Microwave Power Amplifiers which cover 100 MHz to 20 GHz and 10 MHz to 40 GHz respectively, with flat frequency response, low noise figure and low harmonics. Designed using broadband MMIC technology, these amplifiers typically provide ½ Watt (+27 dBm) at 20 GHz and ¼ Watt (+24 dBm) at 40 GHz with > 25 dB gain and < 6 dB noise figure. Gain flatness is typically +/- 2.5 dB over the full frequency range.



“The GT-1020A and GT-1040A microwave power amplifiers are the latest addition to the Giga-tronics product line of broadband solid-state microwave power amplifiers. They are focused on the many applications in ATE and Lab bench testing in aerospace and defense, commercial communications, and microwave component test that require higher power than is currently available in microwave signal generators” said Malcolm Levy, vice president of Sales and Marketing of Giga-tronics Incorporated. “We are continually innovating to provide our customers with solutions to their test and measurement needs that improve performance, reduce their test times and provide bottom-line benefits in productivity.”

The Giga-tronics GT-1020A, 20 GHz and GT-1040A, 40 GHz amplifiers were designed in response to customer requests for higher power with flat frequency response and low noise. The amplifiers are easily used in R&D lab applications and manufacturing automated test systems to overcome power losses from a signal generator or whenever higher power is required. The small size and light weight make them ideal for Lab bench applications, while the ability to place the amplifier close to the device under test (DUT) minimizes cable loss for more optimal testing.

The Giga-tronics GT-1020A and GT-1040A microwave power amplifiers are ideal companions to the Giga-tronics 20 GHz and 40 GHz Microwave Signal Generators. The amplifiers also feature high reverse isolation, excellent input and output match and the long life and reliability of solid-state technology. Delivery is 6 to 8 weeks ARO. Please contact your Giga-tronics sales representative for pricing.

About Giga-tronics Incorporated:

Founded in 1980, Giga-tronics Incorporated is a publicly held company, traded on the NASDAQ Capital Market under the symbol "GIGA". Giga-tronics is a leading engineering and design manufacturer of best-in-class RF and microwave signal generators, power amplifiers, power meters, and USB power sensors and broadband switching matrices. Research and Development production and calibration managers, scientists, engineers and technicians around the world use Giga-tronics test equipment and realize higher productivity and greater ease of use in many applications: ATE systems, aerospace and defense communications and general component test. URL: www.gigatronics.com.

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