



Press Release

June 8th, 2009

Giga-tronics introduces new Solid-State Broadband Microwave Power Amplifiers providing ½ Watt (+27 dBm) from 2 GHz to 40 GHz and ¼ Watt (+24 dBm) from 2 GHz to 50 GHz

SAN RAMON, Calif. — June 8th, 2009. Giga-tronics has introduced the GT-1040A and GT-1050A Solid-State Broadband Microwave Power Amplifiers which cover 2 GHz to 40 GHz and 2 GHz to 50 GHz respectively, with high output power, low noise figure and low harmonics. Designed using Broadband MMIC technology, these amplifiers typically provide ½ Watt (+27 dBm) at 40 GHz and ¼ Watt (+24 dBm) at 50 GHz with > 20 dB gain and < 12 dB noise figure. Gain flatness is typically +/- 3 dB to 40 GHz and +/- 5 dB to 50 GHz.



“The GT-1040A and GT-1050A microwave power amplifiers are focused on the many applications in ATE and 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 solid-state broadband 40 GHz and 50 GHz amplifiers were designed in response to customer requests for higher power at higher frequency from our microwave signal generators. Providing these amplifiers as external to the signal generators allows their placement closer to the device under test or integrated into a switch matrix. The amplifiers are easily used in R&D lab applications and manufacturing automated test systems to overcome cable losses from the signal generators or whenever higher power is required.

The Giga-tronics GT-1040A and GT-1050A microwave power amplifiers are ideal companions to the new Giga-tronics 40 GHz and 50 GHz Microwave Signal Generators. Output power is impressive across the band, with 1 Watt from 2 GHz to 10 GHz, ¾ Watt up to 30 GHz, as well as the ½ Watt up to 40 GHz and ¼ Watt to 50 GHz. The amplifiers 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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