New Amplifiers for Wireless Testing

MILMEGA, now a part of Teseq, offers a new amplifier product range designed to meet test requirements within wireless testing frequency bands [1]. The AS0728 family of amplifiers has a frequency range of 700 MHz to 2.8 GHz. Available in 25 W, 50 W, 100 W and 170 W P1 dB power levels, these new amplifiers are ideal in the wireless communications industry where high reliability, excellent linearity, power density and leading performance are required.

The AS0728 broadband amplifiers feature an innovative design that utilizes the latest Gallium Arsenide Field Effect Transistor (GaAs FET), providing unique characteristics and benefits that differentiate them from other solid state amplifiers. This new product range includes an array of input/output and sample port options as well as cost-effective power and bandwidth upgrades.

The new amplifiers feature a rear mounted15-pin, D-type connector that enables remote operation via TTL commands, while providing access to an output signal sample. The AS0728 has an operating temperature range of 0ºC to 40ºC and a storage temperature range of -40ºC to 70ºC.

A built-in protection system that guards against overheating is featured in all units. Should the internal temperature exceed 70ºC, amplifier blocks automatically switch off to avoid damage to the unit.

The amplifiers are a standard 3U high, and can be combined in rack mounted form to build higher power amplifiers. These units also offer a bench case option.

As with all of Teseq’s MILMEGA amplifiers, the AS0728 product range is covered by the industry’s only five-year parts and labor warranty and is backed by the

company's global support network.

www.teseq.com [2]

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[1] http://x.jtrk92.net/y.z?l=http%3A%2F%2Fwww.milmega.co.uk%2Fmicrowave_amplifier_products.php%3Fcat%3DAS0728&e=86&j=277064506&t=h
[2] http://www.teseq.com