USB-controlled digital attenuator spans a frequency range of 100MHz to 13GHz

RFMW, Ltd. announces application and sales support for the Telemakus, LLC TEA13000-12 USB Controlled Digital Attenuator. The TEA13000-12 is used in bench top test or ATE applications and spans a frequency range of 100MHz to 13GHz. With 30dB of dynamic range, multiple attenuators can be ganged together to provide up to 90dB of attenuation with 16-bit control resolution. Telemakus USB controlled test devices are the smallest and least expensive USB controlled test devices on the market exhibiting this level of performance.

The TEA13000-12 offers a typical insertion loss of only 2dB and uses 150mA from a standard USB 2.0 interface. Telemakus provides a video demonstration of their TEA4000-7 attenuator as an example of the Graphical User Interface (GUI) and device functionality. An SMA male connector at port 1 and female connector at port 2 allow for easy interconnection with other Telemakus products or DUTs. 0.5GB of flash memory contains all the installation files, data sheet and test results. The Window’sÔ based user interface allows simple control of the attenuator including a ramp function. All Telemakus products can be used with common ATE software. With Telemakus Signal Generators, Vector Modulators, Power Meters, Step Attenuators and Switches, it's possible to construct complex ATE stations including multi-tone testing and "virtual" scalar analyzers.

The full line of Telemakus USB Controlled test devices are highlighted on an interactive product guide [1].

www.rfmw.com [2]

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[1] http://www.rfmw.com/telemakus/pid=976
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