

RF Switch is Controlled via USB



Telemakus, LLC introduced the TES6000-30, laboratory-quality, RF SPDT Switch with 30 dB isolation and <2dB insertion loss. The switch is fully terminated at all ports with a return loss better than 20 dB at 4 GHz. The TES6000-30 is said to be the smallest USB microwave switch available on the market. The RF connectors are SMA, with the common port male and ports 1 and 2 female allowing for easy interconnection. The DC/control connector is USB type A allowing direct connection to a PC or via a USB extender cable. The device also has 0.5 GB of flash memory containing all the installation files, data sheet and test results. The windows based user interface allows simple control of the switch configuration including both ports isolated. The unit can also be used with common ATE software. Multiple switches can be used allowing complex switch matrices to be built. Applications include RF routing for various test configurations, switching between two RF sources or loads, pulse modulation for amplifier testing, redundancy switching and filter banks.

Telemakus, LLC

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