

Instrument for Modem Testing



Noise Com announces the model UFX-9835 which generates near-end crosstalk (NEXT) and far-end crosstalk (FEXT) for production testing of DSL modems. The instrument contains two independent noise generators, each with continuously controllable output power from ± 130 dBm/Hz to ± 140 dBm/Hz. Using its dual output capability noise can be injected to the modem test circuit for simultaneous testing of NEXT and FEXT. The two outputs are each balanced with output impedance higher than 10 k Ω , which meets the high-impedance crosstalk injection requirements of various T1 standards. The UFX-9835 may therefore be used for ADSL, HDSL, as well as xDSL modem testing. The high quality Gaussian noise has a crest factor, peak-to-average voltage, larger than 5:1. The controls may be locked and capped for security in unsupervised production environments. Frequency coverage is greater than 50 Hz to 2 MHz, with approximately 5 MHz 3 dB bandwidth.

Noise Com

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