

Broadband Noise Generators

Ethernet Control

The RNG series of ethernet controlled noise generators provide up to 1 watt of white Gaussian noise output in several models over the 10Hz to 18GHz frequency range, with custom options to 40GHz and are designed to be used either as laboratory instruments or as built-in system test facilities.

- Remote and Local Operation
- 10 Hz - 18GHz
- High Output, up to +30dBm
- White Symmetrical Gaussian Noise
- Flat Output
- Fine Attenuation Control



General Specifications	
Attenuator Ranges	0 to 30dB in 1.0dB steps (standard) 0 to 30dB in 0.25dB steps (optional) 0 to 60dB in 1.0dB steps (optional) 0 to 60dB in 0.25dB steps (optional)
RF Output Connector	SMA Female
Front Panel	Local/Remote Control LCD Display Attenuation Control RF Output Mute
Rear Panel	RF Output On/Off Switch IEC AC Power Connector AC Power Switch AC Fuse
Operating Temperature	-10 to +50C
Specification Temperature	+25C
Input Power	80-240V @ 50/60Hz
Instrument Size	19" x 1U x 13.5" (343mm) incl. connectors & protrusions

- Options:**
- NG01 Attenuator Range 0 to 30dB in 0.25dB steps
 - NG02 Alternative 100dB attenuator in 10dB steps (for frequencies up to 2.5GHz)
 - NG03 Alternative 60dB attenuator in 10dB steps (for frequencies over 2.5GHz)
 - NG04 Attenuator Range 0 to 60dB in 1.0dB steps
 - NG05 Additional 100dB attenuator in 10dB steps (for frequencies up to 2.5GHz)
 - NG06 Additional 60dB attenuator in 10dB steps (for frequencies over 2.5GHz)
 - NG07 Signal Combiner input
 - NG08 19" x 2U rack mount
 - NG09 Portable Bench Instrument
 - NG10 75 Ohm impedance (for frequencies up to 2GHz only)
 - NG11 Output Mute

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.
 Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

