NOD 5000 Series Broadband Noise Instruments
10Hz to 18GHz

NOD Series Output Characteristics

MODEL	FREQUENCY	FLATNESS	VSWR	RF OUTPUT (dBm/Hz)	POWER (dBm)
NOD-2000	1.8GHz-2.2GHz	±0.5 dB	2.0:1	-77	+10
NOD-5101	10Hz-20kHz	±0.5 dB	1.5:1	-33	+10
NOD-5102	10Hz-100kHz	±0.5 dB	1.5:1	-40	+10
NOD-5103	10Hz-500kHz	±0.5 dB	1.5:1	-47	+10
NOD-5104	100Hz-3MHz	±0.75 dB	1.5:1	-55	+10
NOD-5105	100Hz-10MHz	±1.0 dB	1.5:1	-60	+10
NOD-5106	100Hz-25MHz	±1.25 dB	1.5:1	-64	+10
NOD-5107	100Hz-100MHz	±1.5 dB	1.5:1	-70	+10
NOD-5108	100Hz-300MHz	±2.0 dB	1.5:1	-75	+10
NOD-5109	100Hz-500MHz	±2.0 dB	1.5:1	-77	+10
NOD-5110	300MHz-1GHz	±2.0 dB	1.5:1	-79	+10
NOD-5111	1GHz-2GHz	±2.0 dB	2.0:1	-80	+10
NOD-5112	10MHz-2GHz	±2.0 dB	2.0:1	-83	+10
NOD-5124	2GHz-4GHz	±2.0 dB	2.0:1	-103	-10
NOD-5200	100Hz-1GHz	±2.0 dB	2.0:1	-80	+10
NOD-5250	100Hz-1500MHz	±2.5 dB	2.2:1	-83	+10
NOD-5300	2GHz-18GHz	±3.0 dB	2.5:1	-112	-10

- Optional 2nd & 3rd Rotary Attenuators available
- Calibration Services offered

Description

NOD Series Noise Instruments are portable, small and lightweight (less than 10 lbs.) and designed to provide accurate carrier-to-noise measurements in the lab, field or factory.

An attenuator is included and calibrated at the connector, so there's no need to compensate for external control components.

Specifications

- Operating Temperature: 0 to +70^{o}C
- Supply Voltage: 110 VAC/60 Hz or 220 VAC/50 Hz
- Temperature Stability: .025 dB/^{o}C
- Output Impedance: 50 ohm
- Peak Factor: 5:1
- Attenuation Range: 0 dB to 10 dB in 1 dB steps or 0 dB to 100 dB in 10 dB steps
- Dimensions: 9.38"W x 3.96"H x 10.75"D

Applications

- Simulation of spread spectrum signals (CDMA)
- Carrier-to-noise measurement
- Bit error rate testing
- Y Factor measurements
- Modem testing