



NW-MI SERIES



The NW-MI series is an economical and rugged manual noise instrument suitable for many applications. Applications for this instrument include system and component wireless testing, signal simulation, HDTV and CATV testing as well as use as a general purpose test source and as an economical source for bit error rate testing.

The unit is supplied in a half rack case and comes with a front panel rotary attenuator to vary the output level.

Specifications:

Output: White Gaussian Noise

Impedance: 50 Ohms

Connector: Sma (f)

Noise Attenuator: 10 dB overall in 1 dB steps,
models above 2 GHz are 9 dB overall in 1 dB steps

AC Power: Standard line voltages

Operating temperature: -20 to +75 deg C

Options include a combiner to allow the user to inject a signal to be added to the noise, various connectors and noise attenuators. Other output levels and frequency ranges are also available, please contact NoiseWave to discuss your needs.

MODEL	FREQUENCY RANGE	POWER (dBm)	FLATNESS (dB)
NW100M-MI	1 MHz - 100 MHz	+13	+/- 1.0
NW300M-MI	1 MHz - 300 MHz	+10	+/- 1.0
NW500M-MI	1 MHz - 500 MHz	+10	+/- 1.5
NW1G-MI	1 MHz - 1 GHz	+10	+/- 2.0
NW1.5G-MI	1 MHz - 1.5 GHz	+10	+/- 2.0
NW2G-MI	1 MHz - 2 GHz	0	+/- 2.0
NW3G-MI	10 MHz - 3 GHz	0	+/- 2.5
NW4G-MI	10 MHz - 4 GHz	-10	+/- 2.5
NW6G-MI	10 MHz - 6 GHz	-10	+/- 2.5
NW18G-MI	2 GHz - 18 GHz	-14	+/- 2.5
High Power			
NW2.7G-HP-MI	10 MHz - 2.7 GHz	+30	+/- 2.5

OPTIONS

- C: Combiner for input signal
- N: N (f) connector
- BNC: BNC(f) connector
- 75: 75 Ohm impedance
- 100: Replace 1 dB/ step with 10 dB/step 100 dB overall attenuator *
- 110: Add a 10 dB/ step attenuator for 110 dB attenuation in 1 dB steps**
- 2U: table top unit

* For models above 2 GHz, use option 60:

60: Replace 1 dB/ step with 10 dB/ step 60 dB overall attenuator

** For models above 2 GHz, use option 69:

69: Add 10 dB/ step attenuator to 69 dB overall attenuation in 1 dB steps

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