



NW-ATE SERIES



The NW-ATE series is an economical and rugged noise instrument suitable for many applications. Applications for this instrument include system and component wireless testing, signal simulation, 10GigaBit Ethernet, HDTV and CATV testing as well as use as a general purpose test source and as an economical source for bit error rate testing.

Specifications:

Output: White Gaussian Noise
 Impedance: 50 Ohms
 Connector: sma (f)
 Noise Attenuator: 127 dB overall in 1 dB steps
 Control: Local, Ethernet, and IEEE-488
 AC Power: Standard line voltages
 Operating temperature: -20 to +75 deg C
 Size: 17 x 5.25 x 12.5 inches

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-ATE	1M—100MHz	+13	+/- 0.75
NW300M-ATE	1M—300MHz	+10	+/- 1.0
NW500M-ATE	1M—500MHz	+10	+/- 1.0
NW1G-ATE	1M—1GHz	+10	+/- 1.5
NW1.5G-ATE	1M—1.5GHz	+10	+/- 1.5
NW2G-ATE	1M—2GHz	0	+/- 2.0
NW3G-ATE	10M—3GHz	0	+/- 2.5
NW4G-ATE	10M—4GHz	-10	+/- 2.5
NW6G-ATE	10M—6GHz	-10	+/- 2.5
NW18G-ATE	2GHz—18GHz	-14	+/- 2.5
NW40G-ATE	2GHz—40GHz	-20	+/- 4.0

OPTIONS

- BNC: BNC(f) connector
- N: N (f) connector
- 75: 75 Ohm impedance
- SW: Switch up to 4 Noise Bands
- C: Combiner for input signal
- RS: RS232 in addition to Standard IEEE-488
- 0.1N: Additional 0.1 dB Noise step attenuator 127.9 dB (79.9 for 18 and 40 GHz)
- SA: 127 dB (79 for 18 and 40 GHz) Signal attenuator in 1 dB steps
- 0.1S: Additional 0.1 dB Signal step attenuator 127.9 dB (79.9 for 18 and 40 GHz)
- DC: DC coupled signal path

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