AMPLIFIED NOISE MODULES

NoiseWave's NW-M series amplified noise models feature high output power and broadband frequency coverage to 18 GHz. Applications for these modules include wireless test, built-in test equipment, dithering for increased dynamic range of A/D converters, and as an economical source for bit error rate testing. Utilizing small internal parts count these units are economically priced and delivery is typically from stock. Other voltages, output levels and frequencies are also available, please contact NoiseWave for details.

Specifications:

Input Voltage: +15Vdc (internally regulated)
Operating Temperature: -40ºC to +100ºC
Temperature Coefficient: 0.025 dB/ºC
Storage Temperature: -55ºC to +150ºC
Output Connector: SMA female

MODEL	FREQUENCY	OUTPUT (dBm)	dBm/Hz (typ)	FLATNESS	I (mA)
NW100M-M	100 kHz - 100 MHz	+13 min	-67	+/- 1.0 max	160 max
NW500M-M	100 kHz - 500 MHz	+10 min	-77	+/- 1.5 max	160 max
NW1G-M	100 kHz - 1 GHz	+10 min	-80	+/- 2.0 max	160 max
NW1.5G-M	100 kHz - 1.5 GHz	+10 min	-82	+/- 2.0 max	160 max
NW2G-M	10 MHz - 2 GHz	0 min	-93	+/- 2.0 max	90 max
NW3G-M	10 MHz - 3 GHz	0 min	-95	+/- 2.0 max	300 max
NW4G-M	10 MHz - 4 GHz	-10 min	-106	+/- 2.5 max	300 max
NW6G-M	10 MHz - 6 GHz	-14 min	-112	+/- 2.5 max	300 max
NW10G-M	10 MHz - 10 GHz	-17 min	-117	+/- 3.0 max	300 max
NW2G18-M	2 GHz - 18 GHz	-10 min	-112	+/- 3.0 max	300 max *

OPTIONS:
12: +12 Vdc
28: +28 Vdc
T: TTL control High=on
TL: TTL control Low =on

* 12 Vdc standard

NoiseWave offers additional standard models as well as custom designs. Contact the factory to discuss your specific requirements.

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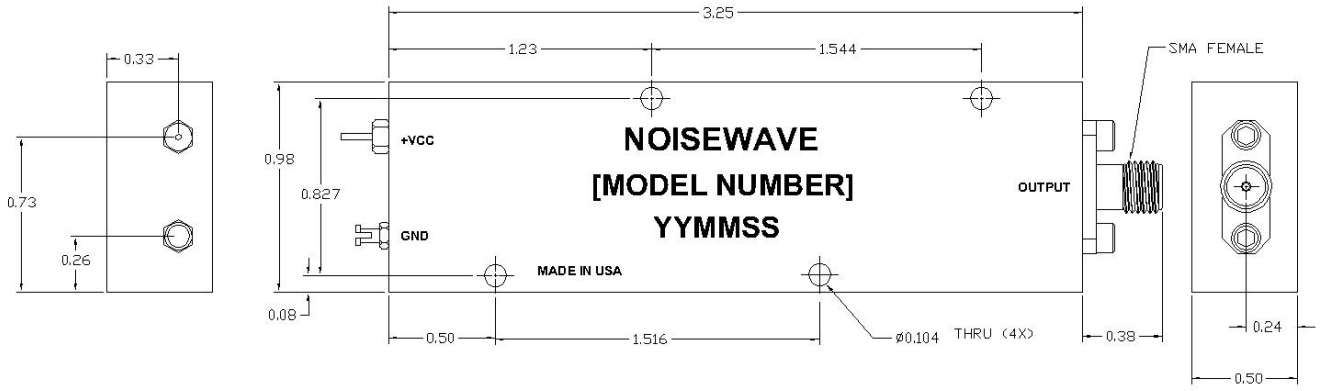
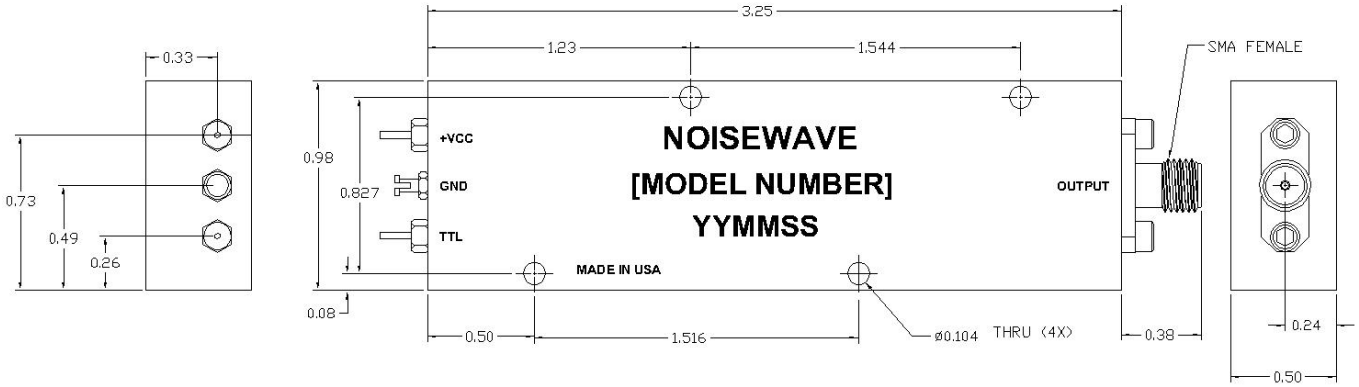
STANDARD OUTLINE



OUTLINE WITH TTL OPTION



(DIMENSIONS IN INCHES)

ADDITIONAL STANDARD AND CUSTOM PACKAGES AVAILABLE.
CONTACT THE FACTORY TO DISCUSS YOUR REQUIREMENTS.

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