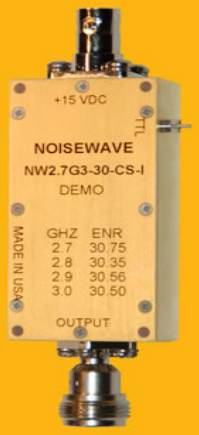
CALIBRATED NOISE SOURCES WITH ISOLATOR



NoiseWave's NW-CS-I Calibrated Source Series are broadband calibrated noise sources with an integral isolator, ideal for Noise Figure measurement and a variety of built in test applications. These products feature high output ENR with excellent flatness and stability. Designed for demanding military applications, these units can be economically deployed in commercial applications.

Specifications:

Output: ENR 30 - 35 dB
Impedance: 50 Ohms
Output Connector: SMA female
Input Connector: BNC jack
VSWR: 1:30:1 Typical
Input: +28Vdc
Operating temperature: -20ºC to +75ºC

Other output levels and frequency ranges are also available; please contact NoiseWave to discuss your needs.

MODEL	FREQUENCY RANGE (GHz)	OUTPUT ENR (dB)	FLATNESS (dB)
NW1.4G1.6-30-CS-I	1.4 - 1.6	30 - 35	+/- 0.75 max
NW2.1G2.5-30-CS-I	2.1 - 2.5	30 - 35	+/- 0.75 max
NW2.7G3.1-30-CS-I	2.7 - 3.1	30 - 35	+/- 0.75 max
NW3.7G4.2-30-CS-I	3.7 - 4.2	30 - 35	+/- 0.75 max
NW5.4G5.9-30-CS-I	5.4 - 5.9	30 - 35	+/- 0.75 max
NW7.2G8.4-30-CS-I	7.2 - 8.4	30 - 35	+/- 0.75 max
NW10.7G12.7-30-CS-I	10.7 - 12.7	30 - 35	+/- 0.75 max
NW17.7G21.2-32-CS-I	17.7 – 21.2	32 - 37	+/- 1.00 max
NW27G30-32-CS-I	27 – 30	32 - 37	+/- 1.00 max

OPTIONS:

NF: N female output connector
NM: N male output connector
T: TTL High = on
TL: TTL Low = on
SL: Solder Lug input
15: +15 Vdc input power

NoiseWave offers military-screened models, additional standard models, and custom designs with different frequency ranges, output levels, DC supply voltage, and mechanical configurations. Contact the factory to discuss your specific requirements.

Phone: 973-386-1119
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REV: B

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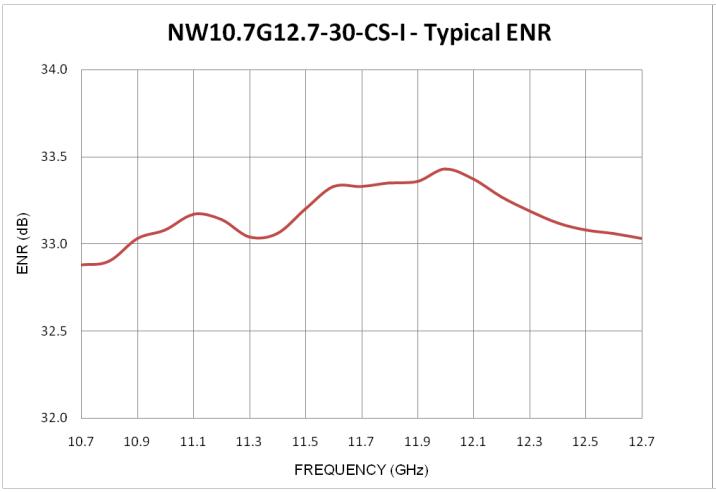
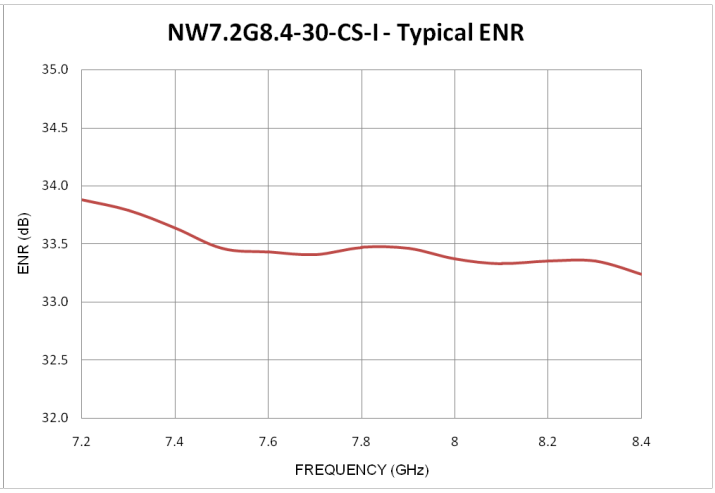
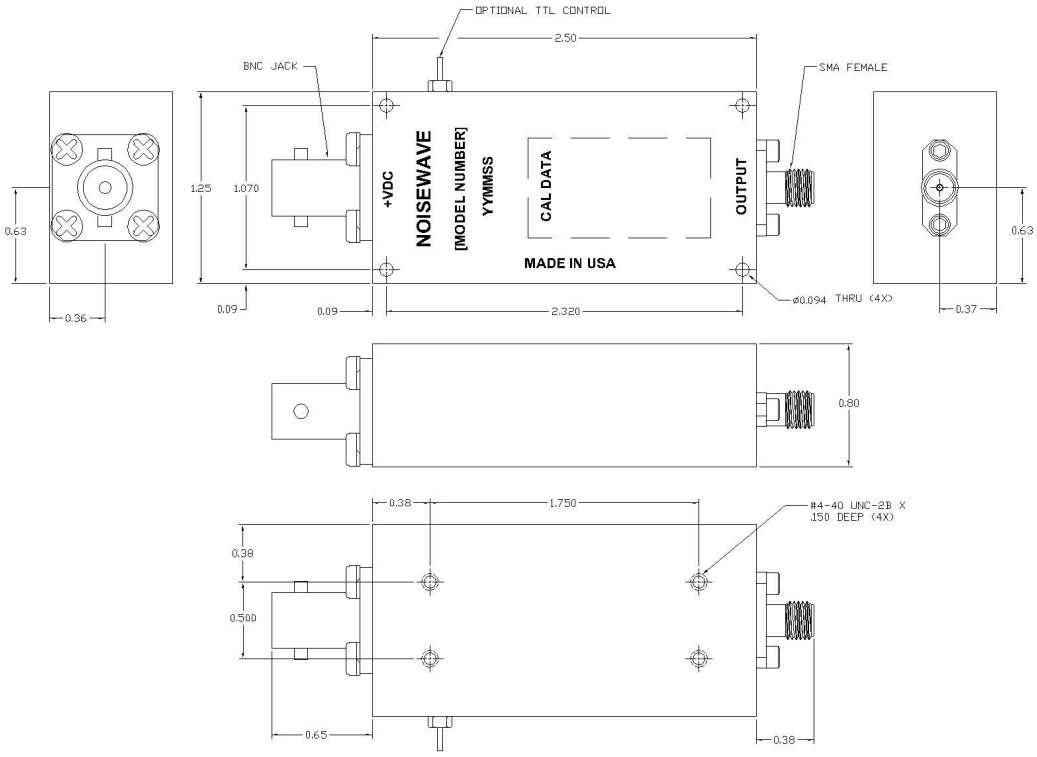




STANDARD OUTLINE



(DIMENSIONS IN INCHES)

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

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