



NW346 SERIES



NoiseWave's NW346 Broadband calibrated coaxial noise source is ideal for Noise Figure measurement applications. Available in 6,15 and 23 dB ENRs (Excess Noise Ratios), the NW346 is ideal for a wide range of noise figure measurements and built in test applications.

The NW346 features an excellent VSWR reducing measurement uncertainty, in addition to stringent temperature and voltage stability. The unit features an industry standard profile housing.

Each noise source comes with VSWR on and off data and a calibrated ENR report traceable to NIST. Flatness is better than +/- 1.0 dB over the frequency range. The NW346 is available with a variety of connectors. Standard operation is from +28 Vdc with 30 mA maximum current draw.

The NW346 is a precision noise standard that is economically priced with delivery typically from stock. Alternative voltages, output levels and frequencies are also available

Typical Specs:

VSWR to 5 GHz:	1.15:1
VSWR 5 - 18 GHz:	1.25:1
VSWR 18 - 26GHz:	1.35:1
VSWR 26 - 40 GHz:	1.50:1
Input Voltage via BNC(F):	+28 +/-2 Vdc
Noise Output Temperature Variation:	<0.009 dB/ deg C
Noise Output Variation:	<0.002 dB/%ΔV
Maximum Reverse Power	1 Watt
Operating Temperature:	0 to +55 deg C
Storage Temperature:	-65 to +125 deg C
Calibration Points:	10 MHz. every GHz

MODEL	FREQUENCY GHz	OUTPUT (ENR)	I (MAX)	Connector
NW346A	0.01 – 18	5 - 7	30	Sma (M)
NW346B	0.01 – 18	14 - 16	30	Sma (M)
NW346C	0.01 – 26	13 - 17	30	APC3.5 (M)
NW346D	0.01 – 18	19 - 25	30	Sma (M)
NW346E	0.10 – 26.5	19 - 25	30	APC3.5 (M)
NW346KA	0.10 – 40	10 - 17	30	K (M)
NW346V	0.10 – 60	7 - 21	30	V (M)

OPTIONS

- Precision: APC3.5 Male
- NM: N (M) connector
- APC7: APC7 connector
- NF: N (F) connector
- KA: K (M) connector

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