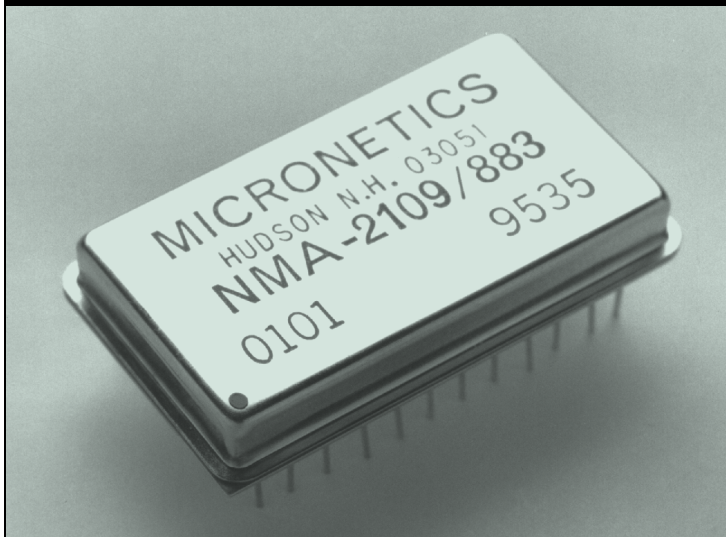


NMA 2100 Noise Modules 100Hz TO 1GHz



NMA 2100 OUTPUT CHARACTERISTICS

MODEL*	FREQUENCY	NOISE OUTPUT LEVEL					
		FLATNESS	mV/BAND	µV/Hz	dBm/BAND	dBm/Hz	ENR(dB)
NMA-2101	+100Hz-100kHz	±0.5dB	300	956	+2.6	-47.4	126.6
NMA-2102	+100Hz-300kHz	±0.5dB	300	550	+2.6	-52.2	121.8
NMA-2103	+100Hz-1MHz	±0.5dB	300	300	+2.6	-57.5	116.5
NMA-2104	+100Hz-3MHz	±0.5dB	300	174	+2.6	-62.2	111.8
NMA-2105	+100Hz-10MHz	±0.5dB	300	95	+2.6	-67.5	106.5
NMA-2106	+100Hz-30MHz	±0.5dB	300	55	+2.6	-72.2	101.8
NMA-2107	1kHz-100MHz	±0.75dB	300	30	+2.6	-77.4	96.6
NMA-2108	1kHz-300MHz	±1.0dB	300	17	+2.6	-82.2	91.8
NMA-2109	1kHz-500MHz	±1.0dB	300	13	+2.6	-84.4	89.6
NMA-2110	1kHz-1GHz	±1.0dB	300	10	+2.6	-87.4	86.6

* Available in SMA connectorized package, specify on quote/orders by adding "S" to Model No.

† Low frequency limit of 100Hz requires a 47mf capacitor wired between pins 13 and 15.
Low frequency limit is 500 Hz without capacitor for 50 ohm models only.

reference package styles: E , T, S for dimensions

DESCRIPTION

The NMA 2100 Noise Module is designed for testing wide-band systems (CDMA, spread spectrum, FM, VHF, UHF) with wideband signals. Available in standard 24 Pin DIP packages for easy system integration, as well as SMA connectorized packages.

SPECIFICATIONS

- Operating Temperature: -55 to +95°C
- Storage Temperature: -65 to +125°C
- Supply Voltage: +15 VDC
- Temperature Stability: .025 dB/°C
- Output Impedance: 50 ohm
- Peak Factor: 5:1

APPLICATIONS

- Back-up source in redundant transmitters
- Built-in self-test in communication receivers
- Power distribution in cellular base stations
- Component testing