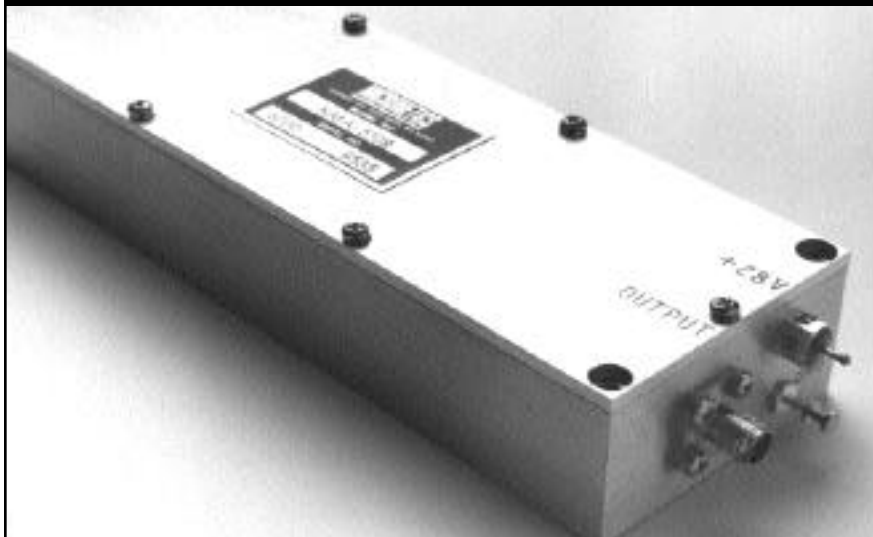


NMA 5100 NOISE MODULES

10Hz TO 18GHz



NMA 5100 OUTPUT CHARACTERISTICS

MODEL	FREQUENCY	FLATNESS	VSWR	RF OUTPUT dBm/Hz	Power (dBm)
NMA-5101*	10Hz-20kHz	±0.5 dB	1.5:1	-33	+10
NMA-5102	10Hz-100kHz	±0.5 dB	1.5:1	-40	+10
NMA-5103	10Hz-500kHz	±0.5 dB	1.5:1	-47	+10
NMA-5104	100Hz-3MHz	±0.75 dB	1.5:1	-55	+10
NMA-5105	100Hz-10MHz	±1.0 dB	1.5:1	-60	+10
NMA-5106	100Hz-25MHz	±1.0 dB	1.5:1	-64	+10
NMA-5107	100Hz-100MHz	±1.0 dB	1.5:1	-70	+10
NMA-5108	100Hz-300MHz	±1.5 dB	1.5:1	-75	+10
NMA-5109	100Hz-500MHz	±2.0 dB	1.5:1	-77	+10
NMA-5110	300MHz-1GHz	±2.0 dB	1.5:1	-79	+10
NMA-5111	1GHz-2GHz	±2.0 dB	2.0:1	-80	+10
NMA-5112	1MHz-2GHz	±2.0 dB	2.0:1	-83	+10
NMA-5200	100Hz-1GHz	±2.0 dB	2.0:1	-80	+10
NMA-5250	100Hz-1500MHz	±2.5 dB	2.0:1	-82	+10
NMA-5300	2GHz-18GHz	±3.0 dB	2.5:1	-112	-10

* When ordering +15 VDC, add "/15" to model number, for example, NMA-5101/15.

DESCRIPTION

The NMA 5100 Noise Module is ideal for high power applications like jamming and bit error rate testing. It comes in a rugged, hand-held package for use in the lab or the field, and can also be used as the foundation for building higher level assemblies.

SPECIFICATIONS

- Operating Temperature: 0 to +70°C
- Storage: -40 to +95°C
- Supply Voltage: +28 VDC, +15 VDC
- Temperature Stability: .025 dB/°C
- Output Impedance: 50 ohm
- Peak Factor: 5:1

APPLICATIONS

- Simulation of spread spectrum signals (CDMA)
- Carrier-to-noise measurement
- Bit error rate testing
- Y Factor measurements
- Modem testing