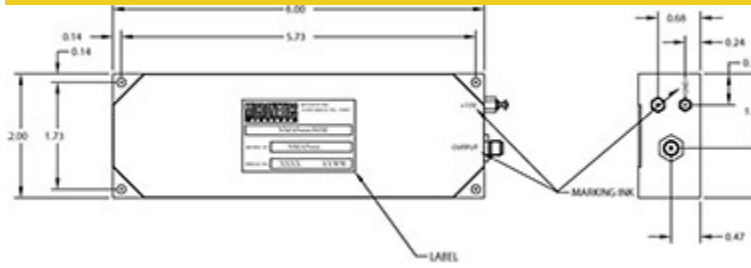


# High Power Broadband Noise Sources

## NMA5109-B1M

### 100 Hz to 500 MHz



## Specifications

|                                  |                   |
|----------------------------------|-------------------|
| RF Frequency                     | 100 Hz to 500 MHz |
| Noise Output                     | 95 to 102 dB ENR  |
| Noise Spectral Density ( $N_0$ ) | -77 dBm/Hz        |
| Noise Power (N)                  | 10 dBm            |
| Flatness                         | 4 dB P-P Max      |
| VSWR                             | 1.5:1             |
| Peak Factor                      | 5:1               |
| Bias Voltage                     | 15 V              |
| Supply Current                   | 200 mA Max        |
| Impedance                        | 50 ohms           |

## Package and Connectivity

|              |           |
|--------------|-----------|
| Construction | Coaxial   |
| Package Type | M Package |

## Environmental

|                       |              |
|-----------------------|--------------|
| Operating Temperature | 0 to 70 °C   |
| Storage Temperature   | -40 to 95 °C |

## Notes

Specifications subject to change without notice

Micronetics, Inc. | Hudson, NH | Tel: 1-603-883-2900 | [www.Micronetics.com](http://www.Micronetics.com)

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