

MODEL NUMBER:  
**SS250M-500**



The SS250M-500 is a solid-state, self contained, air-cooled, broadband amplifier designed for applications where instantaneous bandwidth and linearity are required. Available for benchtop use or with rack mounting. Typically used for RF conducted immunity applications IEC 6000-4-6

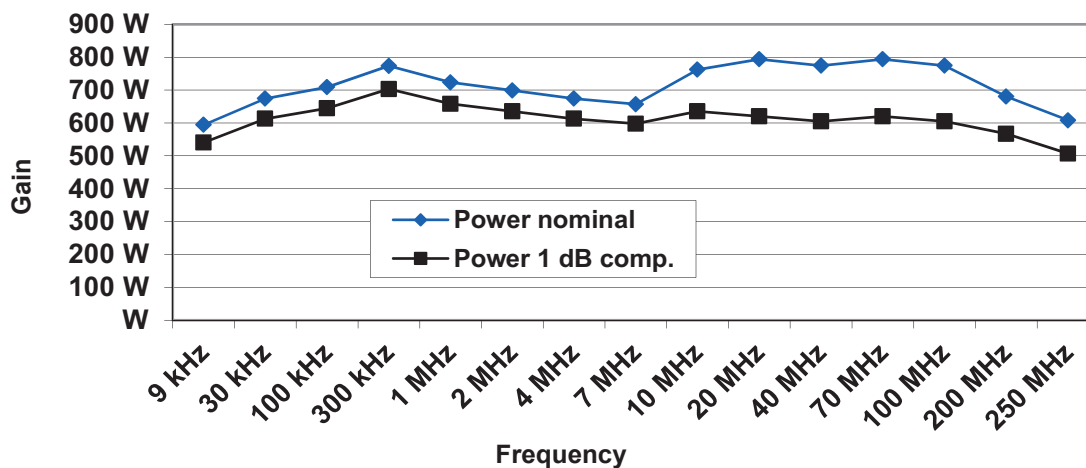
## FEATURES

- Class A-linear design
- Meets Standard MIL-STD(s) and IEC 6000-4-6
- Compact and Robust System
- Reduced Thermal Radiation

## ELECTRICAL SPECIFICATIONS:

Operating Frequency Range:	9 kHz - 250 MHz
Power Output:	500 Watts (P1dB)
Power Gain:	57 dB
Power Gain Flatness:	+2 dB
Input Return Loss:	>10 dB
Harmonics 2nd/ 3rd:	20 / 18
Spurious:	-50 dBc typ
Max Input Power:	up to +10 dBm for no damage
Load VSWR Protection:	2:1

## TYPICAL GAIN



## ENVIRONMENTAL CHARACTERISTICS

Ambient Temperature:	0 +45 °C
Storage Temperature:	-20 +85 °C
Relative Humidity:	up to 95% (non-condensing)

## MECHANICAL SPECIFICATIONS

Operating Voltage:	200 - 240 VAC $\pm$ 10%, 47 -63 Hz
Power Consumption:	2000 VA
Dimensions:	482 X 177 X 630 mm (19 x 7 x 25 inches)
Weight:	37 kg (82 lbs)
RF Connectors:	N-f, standard on rear panel
AC Power/Interface:	Ethernet remote control interface
Cooling:	Forced air with integral blower air intake from front, air exhaust at rear

