

MODEL NUMBER:

**SS400M-75**

**Solid State Amplifier**



The SS400M-75 is a solid-state, air-cooled, high power broadband amplifier designed for applications where immediate bandwidth and distance is required. Available for bench-top use or with rack mounting.

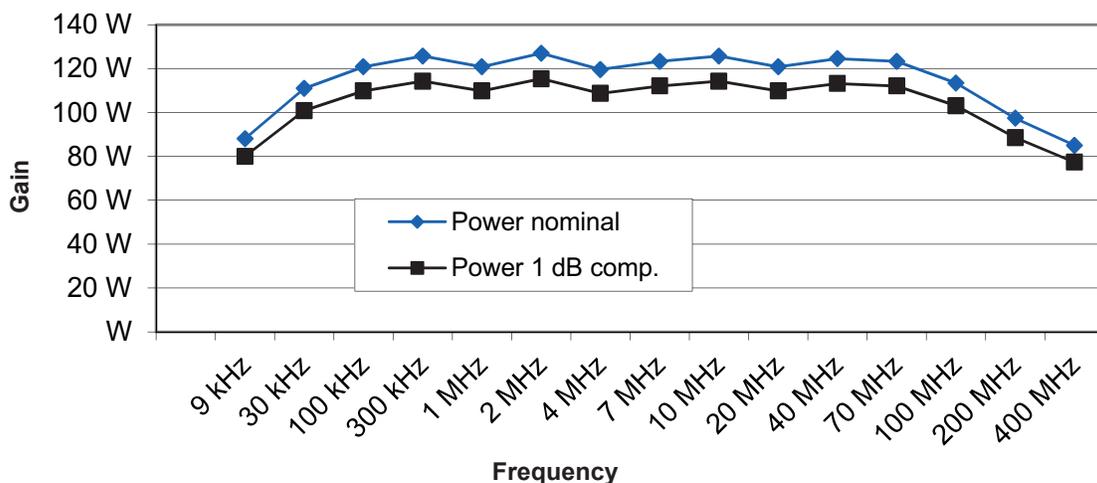
### FEATURES

- Class A-linear design
- Meets Standard MIL-STD(s)
- Built in Protection Circuits
- Compact and Robust System
- Reduced Thermal Radiation

### ELECTRICAL SPECIFICATIONS:

Operating Frequency Range:	9 kHz- 400 MHz
Power Output:	75 Watts at P1dB
Power Gain:	48 dB Min
Harmonics 2nd/ 3rd:	20 / 20
Spurious:	-50 dBc typ. (excluding harmonics)
Max Input Power:	up to +10 dBm for no damage
Load VSWR Protection:	2 : 1

### SS400M-75 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 ±10%, 47 -63 Hz
Dimensions:	482 x 88 x 430 mm ( 19 x 3.4 x 17 inches)
Weight:	14 kg (31 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

