



MODEL NUMBER:  
**SS1G-100**

**High Power  
Broadband Amplifier**

### DESCRIPTION:

The SS1G-100 is a solid-state, air-cooled, high power broadband amplifier designed for applications where immediate bandwidth, high frequency and distance is required. Available for bench-top use or with rack mounting. Meets Standard IEC 61000-4-3, ISO 11452 & more.

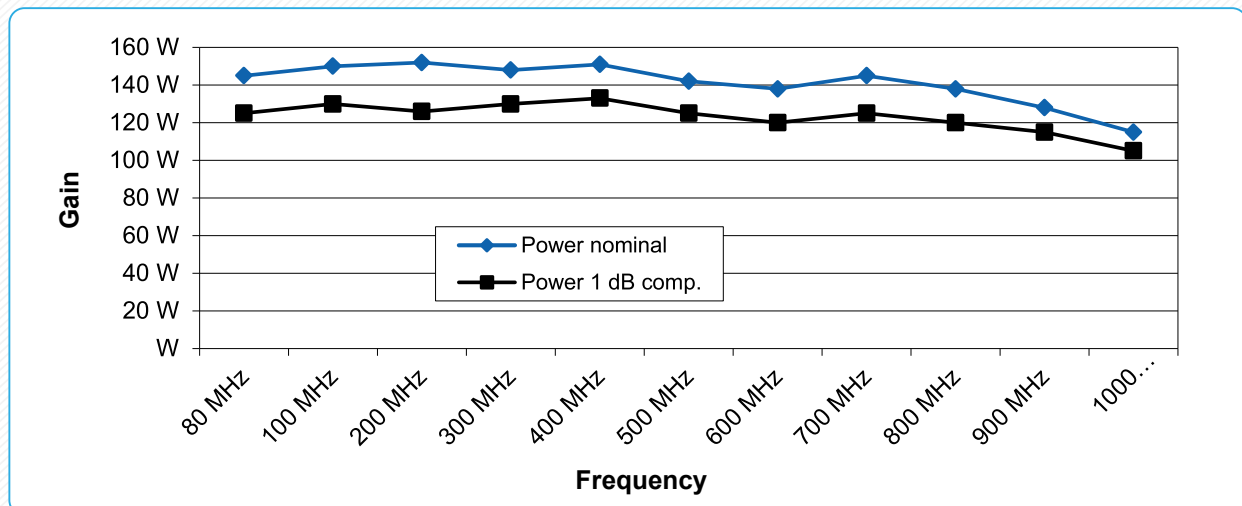
### FEATURES

- Class A-linear design
- Meets Standard IEC 61000-4-3, ISO 11452 & More
- Compact and Robust System
- Reduced Thermal Radiation

### ELECTRICAL SPECIFICATIONS

Operating Frequency Range:	80 - 1000MHz
Power Output:	100 Watts
Power Gain:	50 dB
Harmonics 2nd 20 / 3rd:	20
Spurious:	-60 dBc
Max Input Power:	up to +10 dBm for no damage
Load VSWR Protection:	2:1

### TYPICAL GAIN



## ENVIRONMENTAL CHARACTERISTICS

Ambient Temperature:	+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:	900 VA
Dimensions WxHxD:	19 x 5.25 x 17 inches
Weight:	50 lbs
RF Connectors:	N type Female
Cooling:	Forced Air with Integral blower air intake from front, air exhaust at rear

