

MODEL NUMBER:

SS4G-700 / High Power Solid State Amplifier

The SS4G-700 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. The SS4G-700 has a color LCD touch screen for easy use

FEATURES

- Class A-linear design
- Suitable for all signal channel modulation applications
- Compact and Robust System
- Designed for EMI, lab, and general communication applications

ELECTRICAL SPECIFICATIONS:

Operating Frequency Range:	1 - 4 GHz
Power Output CW:	700 Watts
Power Gain:	59 dB min
Power Gain Flatness:	±4
Input VSWR :	<4:1 typ
Harmonics 2nd/3rd:	-20 dBc Typ
Spurious:	-60 dBc Max
Input Power Protection:	+10 dBm Max1
Power Output p1dB:	350 Watts

MECHANICAL SPECIFICATIONS

Dimensions W x H x D:	17 x 17 x 30
Weight:	104 lbs
RF Connectors In/Out:	N-f, standard on rear panel
Cooling:	forced air with integral blower air intake from front, air exhaust at rear

ENVIRONMENTAL SPECIFICATIONS

Operating Ambient Temperature:	0 +50 °C
Storage Temperature:	-20 +85 °C
Relative Humidity:	up to 95% (non-condensing)