

Features

- *Pre-Amplifier for Shielding effectiveness, EMC /EMI Testing*
- *Frequency Range: DC-1 GHz*
- *Gain: 23dB @ 100 KHz, 21dB @1 GHz*
- *Noise Figure 3 dB @ 1 GHz*
- *Impedance - 50Ω (Nominal)*
- *Return Loss better than 11 dB I/O ports.*
- *Connectors SMA Female*
- *Max Input Power +10 dBm*



Description

The AMP-01G is a low noise, wide-band pre-amplifier with a large dynamic range. It has an excellent performance from DC-1 GHz with a nominal gain of 30dB. The pre-amplifier increases sensitivity of field strength measurements and is specifically designed for extremely sensitive measurements up-to 1 GHz.

The Pre-amplifier has max input power (no damage) of +10 dBm.

The pre-amplifier finds application in EMC Emission, Shielding Effectiveness, and Radio Interference measurements.

Specifications*

Model	AMP-01G
Frequency Range	DC - 1 GHz
Typical Gain	31 dB @ 100KHz 24 dB @ 1 GHz
Noise Figure	3.0 dB
Impedance	50Ω (Nominal)
Connectors	SMA Female
Power Supply	Using 230V-50Hz adapter with output 12V, 0.3A DC
VSWR	1.8
Dimensions	120 x 95 x 58mm
Weight	600g
Max Input Power	+ 10 dBm
Applications	Radiated Emissions / Shielding Effectiveness

* Nominal values, subject to change without notice.

Typical Gain Chart