

Features

- **Pre-Amplifier for Shielding effectiveness, EMC /EMI Testing**
- **Frequency Range: 10MHz-2GHz**
- **Noise Figure <3.75 dB**
- **Gain Flatness ±1dB**
- **VSWR 1.4 for input and output port.**
- **Connectors SMA Female**
- **Max Input Power -10 dBm**



Description

The AMP-10M2G is a low noise, wide-band pre-amplifier with a large dynamic range. It has an excellent performance from 10MHz-2 GHz with a typical gain of 30dB. The pre-amplifier increases sensitivity of field strength measurements and is specifically designed for extremely sensitive measurements up-to 2 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-10M2G
Frequency Range	10MHz - 2 GHz
Gain	30dB
Noise Figure	<3.75 dB
Impedance	50Ω (Nominal)
Connectors	SMA Female (can be changed to N Type on request)
Power Supply	Using 230V-50Hz adapter with output 12V, 0.3A DC
VSWR	1.4
Dimensions	120 x 95 x 58mm
Weight	500g
Max Input Power	- 10 dBm
Applications	Radiated Emissions / Shielding Effectiveness

* Nominal values, subject to change without notice.

Typical Gain Chart

