

Pre-Amplifier AMP-01G

Features

- Pre-Amplifier for Shielding effectiveness, • EMC /EMI Testing
- Frequency Range: DC-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 preamplifier 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.

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.	

Specifications*

Typical Gain Chart

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