

Features

- **Pre-Amplifier for Shielding effectiveness EMC /EMI Testing**
- **Frequency Range: 9KHz – 30 MHz**
- **Gain: >36dB@9KHz-500KHz, > 19dB from 500KHz-30MHz**
- **Noise Figure 3.2dB**
- **Impedance - 50Ω (Nominal)**
- **VSWR < 1.7**
- **Connectors N Type Female**
- **Max Input Power -20 dBm**



Description

The AMP-9K30M is a low noise, low power, pre-amplifier with rugged design. It has excellent performance from 9KHz-500KHz with a gain better than 36dB. The pre-amplifier has wide bandwidth from 9KHz-30MHz.

The pre-amplifier with 1/4 - 20 Thread, female can also be mounted on an Antenna mast.

The pre-amplifier increases sensitivity at field strength measurements and is specifically designed for extremely sensitive measurements upto 500KHz.

Due to the built-in rechargeable battery, operation without power supply is possible for approx. 8h

The Pre-amplifier has max input power of -20 dBm.

Specifications*

Model	AMP 9K30M
Frequency Range	9KHz-30 MHz
Gain	>36dB, 9KHz-500KHz >19dB, 500KHz-30MHz
Noise Figure	3.2dB
Impedance	50Ω (Nominal)
Connectors	N Type Female
Power Supply	Using 230V-50Hz adapter with output 12V, 0.3A DC
VSWR	1.7
Dimensions	120x95x58mm
Weight	600g
Applications	Radiated Emissions / Shielding Effectiveness

* Nominal values, subject to change without notice.

Typical Gain Chart

