

Features

- **Active Monopole Antenna for Emissions and SE Testing**
- **Frequency range: 9 kHz – 30 MHz**
- **Rugged construction**
- **Calibration as per ANSI 63.5 (ECSM)**
- **Output Connector BNC Type Female**
- **Battery Powered High Sensitivity**

**Description**

The ANMP-10K30M is an omni-active receive antenna with BNC output connector between 9kHz-30MHz frequency range. The antenna can be used for Mil Std, FCC, CISPR25 measurements in the specified frequency range. The antenna comes with a brass rod, matched pre-amplifier and battery charger

The antenna base has a drilled / tapped hole for mounting on tripods with ¼" x 20 threads.

The antenna has a 18 inch by 18 inch ground plane with fixed rod length of 104mm.

Specifications*

Model	ANMP-10K30M
Frequency Range	9 kHz – 30 MHz
Impedance	50 Ohms
Battery	9V NiMH 2000mAh
Average Battery Life	10h
Termination	BNC-F 50Ω
Active Antenna Factors	8 ± 4 dB/m
Dynamic Range	98dB (1MHz) @1kHz bandwidth
Lower Limit of Field Strength Measurement	-1dBuV/m(1MHz) @1kHz Bandwidth
Upper Limit of Field Strength Measurement	+97dBuV/m(1MHz) @1KHz Bandwidth
VSWR	<2.5
Weight	5 Kg
Environmental	-20°C to +40°C
Mounting	¼" x 20 threads
Applications	Mil Std 461, CISPR 25

* Nominal values, subject to change without notice.

Calibration

The antenna is individually calibrated (traceable) as per ANSI 63.5(ECSM). IEC 17025 accredited calibration is available upon request.

Related Products/Accessories

MAS_FG_03 (Modular telescopic non reflective fibre glass mast)
ANMP-CAP-9K30M (Calibration Capacitor) [included]
Grounding kit (Cable with ferrite and bracket)

