

Active Monopole Antenna

Model RF550

1m monopole antenna as required for EMC emissions tests

- Frequency Range of 9 KHz to 30 MHz
- Individually Calibrated (Calibration included per ARP-958)
- Ideal for MIL-STD 461F
- High Sensitivity
- Battery Pack and Charger



The RF550 Active Monopole antenna is an active, general-purpose, receive-only antenna that covers 9 KHz - 30 MHz frequency range. It is ideal for instantaneous bandwidth scanning (without tuning) of electric fields in its frequency range and can drive any receiver with 50-ohm input impedance. This antenna is an ideal solution to perform FCC, MIL-STD and TEMPEST tests.

The RF550 comes with a telescoping rod, ground plane, high impedance matched preamplifier and battery charger. This active monopole 104cm rod antenna has a signal output connector is electrically bonded to the matching network case per MIL-STD 461F

Technical Specifications:

Frequency range	9KHz – 30MHz	Antenna factor@ 1m	0 dB/m
Monopole size	104cm	Saturation level	>120dBuV/m, >68.5dBuA/m
Nom. Impedance	50ohm (o/p port)	Antenna factor variation	+/- 1.5dB
Battery type	6v NimH Rechargeable	RF connector	BNC
Ave. battery life	6 – 8 hours	Size: Ground plane	46 x 46cm
		Rod length	22 – 110cm
Mounting	¼" x 20 threaded hole	Weight	2.13kg

Ordering information:

RF550 Loop antenna
RF502 Tripod stand



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