

3301C ACTIVE MONOPOLE

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The model 3301C antenna consists of an stainless steel rod, a counterpoise 61 cm x 61 cm (24 in x 24 in), a broadband high input impedance amplifier built into the base, and an AC power adapter for battery charging (nominal 90 to 265 VAC, 50/60 Hz). The front panel contains controls and indicators include a power switch and power-on indicator, a receptacle and indicator for the battery charger, a grounded female BNC output connector and a signal saturation indicator. Power is supplied by internal AA size rechargeable nickel-metal hydride batteries.

Key Features

- 30 Hz to 50 MHz Frequency Range
- Two Year Warranty
- Individually Calibrated
- MIL-STD 461G Compliant
- 30 Hours of Continuous Operation in a Single Charge
- Compliant with **CISPR 16-1-6: 2017** and **ANSI 63.5: 2017** with 3301Cal-B option

Specifications

Electrical Specifications

Frequency Minimum: 30 Hz
Frequency Maximum: 50 MHz
Connectors: BNC (f)
Impedance (Nominal): 50Ω
Pattern Type: Omnidirectional
Polarization: Linear

Physical Specifications

Base Depth: 19.05 cm (7.50 in)
Base Height: 8.9 cm (3.50 in)
Base Width: 19.05 cm (7.50 in)
Rod Height (Low Range): 100 cm (39.4 in)
Rod Height (Upper Range): 104 cm (41.0 in)
Weight: 1.4 kg (3.09 lb)

Other Specifications

- Antenna Base with a Built-in Preamplifier and a Female BNC Connector
- Counterpoise
- MIL-STD 461G RF Cable and Grounding Kit
- Antenna Base Mount with 1/4-20 UNC Internal Thread
- Stainless Steel Monopole Element
- AA NiMH Batteries and AC/DC Adapter
- Certificate of Calibration Conformance per ANSI C63.5 and SAE, ARP-958
- User Manual
- Product Options of 3301Cal-A and 3301Cal-B (for testing to CISPR 16-1-6: 2017 and ANSI 63.5: 2017)

Product Charts

Model 3301C
Monopole Antenna
Typical Antenna Factors
at Default Switch Positions
(All Off)

