

EM-6899 | Antenna, Passive Vertical



Description

The EM-6899 passive vertical 41-inch rod antenna is intended for receiving or transmitting applications in the 1 kHz to 50 MHz frequency range.

Typical applications include measurements of shielding effectiveness to MIL-STD-285 and NSA 65-6 and radiated immunity testing.

A band switch optimizes the antenna's performance for two frequency ranges and may be used with amplifiers as large as 300 watts of continuous output power.

Specifications

Electrical

Frequency Range:	1 kHz - 50 MHz (calibrated) Band 1: 1 kHz – 5.0 MHz Band 2: 5.0 MHz – 50 MHz <i>(Calibration data valid only for a 41-inch antenna rod.)</i>
Input Impedance:	50 Ohms, nominal
Input Power maximum/continuous:	300 W
Input Power:	1000 W
Power Source:	External 12 V.D.C. required
Connector:	Type N, female

Mechanical

Height	<ul style="list-style-type: none"> • Base: 15.2 cm (6") • Base & Rod: 66.0 – 119.4 cm (26" – 47")
Width (base):	7.6 cm (3")
Depth (base):	7.6 cm (3")
Weight:	1.36 kg (3.0 lbs.)

Specifications subject to change without notice, unless otherwise specified. Product is manufactured in Johnstown, NY, U.S.A.

