

ANTENNA MODEL 3303



ETS-Lindgren's Model 3303 Passive Broadband Electric Field Monopole is a transmitting antenna with a frequency range of 1 kHz to 30 MHz. This antenna features manual bandswitching between 0.001 to 5 MHz and 5 to 30 MHz. The maximum power handled by the Model 3303 is 1 kW. The transmitting rod is stainless steel can be adjusted to 100 cm (39.4 in) or 104 cm (41 in). The base is an aluminum housing which contains the bandswitching mechanism and a female Type N connector. The Model 3303 also may be used as a passive receiving antenna.

All ETS-Lindgren's rod antennas are designed to provide a high level of efficiency in electric field measurements. Every rod antenna is individually calibrated in accordance with the equivalent capacitive substitution method (ECSM) and IEEE-291 methods using NIST traceable equipment. By knowing the actual antenna factors and performance characteristics of an antenna instead of typical data, you can more accurately calculate the field strength in your tests. Annual recalibration is recommended on rod antennas.

Technical Specifications

Electrical	
Frequency Minimum	1 KHz
Frequency Maximum	30 MHz
Impedance (Nominal)	50
Maximum Continuous Power	300 W
Peak Power	1 kW
Connectors	Type N (f)
Pattern Type	Omnidirectional
Polarization	Linear
Physical	
Base Depth	7.6 cm (2.99 in)
Base Height	15.2 cm (5.98 in)
Base Width	7.6 cm (2.99 in)
Rod Height (Low Range)	100 cm (39.4 in)
Rod Height (High Range)	104 cm (41.0 in)
Weight	1.3 kg (2.87 lb)

MODEL 3303

- Individually Calibrated
- Switchable Two-Band Transformer
- Two Year Warranty