

ANTENNAS MODEL 6509



MODEL 6509

- **Individually Calibrated Switchable Four-band Transformer**
- **Two Year Warranty**

ETS-Lindgren's Model 6509 Passive Loop Antennas are designed for shielding effectiveness and EMC immunity testing. The base of the model 6509 loop antenna contains a type N female connector and a manually switchable four-band transformer. The transformer gives the antenna greater efficiency resulting in a better conversion of input power to field strength.

All loop antennas are individually calibrated in accordance with ANSI C63.5, using NIST traceable equipment. By knowing the actual antenna factors and performance characteristics of an antenna instead of typical data, you can more accurately measure field strength in your tests.

Technical Specifications

Electrical

Frequency Minimum	1 KHz
Frequency Maximum	30 MHz
Connectors	Type N (f)
Impedance (Nominal)	50
Maximum Input Power	1 kW
Pattern Type	Omnidirectional
Polarization	Linear

Physical

Height	47.8 cm (18.82 in)
Length	15.25 cm (6.00 in)
Width	7.63 cm (3.00 in)
Weight	1.3 kg (2.87 lb)