TDS-535
Tuned Dipole Antenna Set
25 MHz - 1 GHz

These half-wavelength dipole antennas are an ideal solution for precise EMI measurements.

Frequency Range: 25 MHz - 1 GHz
Impedance: 50 Ω

**Physical Dimensions**
- Antenna Case: 28” x 23” x 7”
- Weight: 19 lbs.

**Features**
- Total Frequency Range of 25 MHz – 1 GHz
- Receive and Transmit
- Individually Calibrated (3 and 10 Meter calibration included, horizontal polarization)
- FCC, MIL-STD, VDE and site attenuation testing
- Rugged Construction

Model TDS-535 Tuned Dipole Set provides an accurate standard for precise EMI and site attenuation measurements (per OET-55 and ANSI C63.5). Our half wave Dipole Set is manufactured per the FCC balun design and is individually calibrated per ANSI C63.5 at 3 and 10 Meters. This Tuned Dipole Set should be considered as a standard reference for frequencies below 1000 MHz. All Sets come contained in a rugged, lightweight storage case and includes four Baluns, Element extension rods, telescoping Elements, 10 Meter Cable, Tape Measure and a Clamp for tripod mounting.

**Included equipment**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Frequency Range</th>
<th>Description</th>
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<tbody>
<tr>
<td>FCC-1</td>
<td>290 MHz – 2 GHz</td>
<td>Tuned Dipole Antenna</td>
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<tr>
<td>FCC-2</td>
<td>20 MHz – 330 MHz</td>
<td>Tuned Dipole Antenna</td>
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<td>FCC-3</td>
<td>9 KHz – 60 MHz</td>
<td>Tuned Dipole Antenna</td>
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<tr>
<td>FCC-4</td>
<td>20 Hz – 2 MHz</td>
<td>Tuned Dipole Antenna</td>
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<tr>
<td>SAC-213-10</td>
<td>20 Hz – 1 MHz</td>
<td>10 Meter N(m) to N(m) cable</td>
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<td>TSC-535</td>
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<td>Transit Storage Case</td>
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<td></td>
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<td>Extension elements</td>
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<td></td>
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<td>Telescoping elements</td>
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<td></td>
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<td>Balun Mounting Clamp</td>
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<td>Tape Measure</td>
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**Recommended Accessories**
- ATU-510 (Antenna Tripod Unit, wooden)
- AEH-510 (Azimuth and Elevation Head, Plastic)
- PAM-0202 (Preamplifier)
- SAC-213-0.5 (0.5 meter N/N Cable)
A.H. Systems Inc.
9710 Coycroft Ave. Chatsworth, CA 91311

Antenna Factor
Tuned Dipole Set - 3 m.
TDS-200/535

Conversion of meter reading
to field strength:
dBuV/m = dBuV + AF + cable loss