The CA-6002 Antenna consists of two independent arrays within a single, high-strength housing.

Each of the arrays consists of collinear dipole elements, which provide high gain for line-of-sight communications.

The arrays in the CA-6002 each include four dipole elements, which are based on the proven CA-1404 design. Interarray isolation is greatly improved by incorporating a spacer section into the housing.

The CA-6002 includes provisions for guy wires and has been designed to survive direct lightning strikes without damage.

**SPECIFICATIONS FOR: CA-6002 UHF DUAL COMMUNICATIONS ANTENNA**

<table>
<thead>
<tr>
<th><strong>ELECTRICAL</strong></th>
<th></th>
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<tbody>
<tr>
<td>Frequency Range</td>
<td>225 – 400 MHz</td>
</tr>
<tr>
<td>VSWR</td>
<td>2.0:1 max</td>
</tr>
<tr>
<td>Gain</td>
<td>+6 dBi nom</td>
</tr>
<tr>
<td>Polarization</td>
<td>Vertical, Linear</td>
</tr>
<tr>
<td>Isolation</td>
<td>46 dB nom</td>
</tr>
<tr>
<td>Elevation Beam Width</td>
<td>18° nom</td>
</tr>
<tr>
<td>Azimuth Beam Width</td>
<td>Omnidirectional</td>
</tr>
<tr>
<td>Power Handling</td>
<td>50 watts average</td>
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</table>

<table>
<thead>
<tr>
<th><strong>MECHANICAL</strong></th>
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</thead>
<tbody>
<tr>
<td>RF Connector</td>
<td>Type N Female (upper and lower) 1</td>
</tr>
<tr>
<td>Lightning Interface</td>
<td>1/2 – 13 threaded stud</td>
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<tr>
<td>Weight</td>
<td>210 lbs</td>
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<tr>
<td>Finish</td>
<td></td>
</tr>
</tbody>
</table>
CA-6002 UHF Dual Communications Antenna

INCHES [CENTIMETERS]

Consult with factory for mounting specifications.