The C125-2 adds to the current satellite communications product line and solves unique field transportation problems.

The C125-2 Antenna stores within a 4.4” x 2.25” x 2.25” configuration and weighs less than one pound. When deployed this antenna provides a one hundred watt capability with greater than +5 dB of gain. Due to its unique packaging techniques, the antenna can be carried in a pocket and deployed within 30 seconds. The design houses all required electrical components and may be utilized for either handheld or tripod mounted requirements.

Various carrying case options are available which can provide for lightweight SATCOM radio/accessory storage for complete system readiness capability.

**SPECIFICATIONS FOR: SE78 SERIES PORTABLE UHF ANTENNA SYSTEM (C125 ANTENNA AND ACCESSORIES)**

**ELECTRICAL**
- Frequency Range: 244 – 318 MHz
- VSWR: 1.5:1
- Gain: +5 dB respect to circular isotropic
- Impedance: 50 ohms
- Polarization: RHCP
- 3 dB Beamwidth: 100° Nominal
- Radiation Pattern: Hemispherical
- Power Handling: 100 watts CW max

**MECHANICAL**
- Connector: BNC Female
- Weight: 1.0 lb
- Deployment: 30 Seconds
- Antenna Storage Size: 4.4” x 2.25” x 2.25”
- Finish: Lusterless Black

**ENVIRONMENTAL**
- Operation Temperature: -25°F to +160°F
- Storage Temperature: -54°F to +250°F

**SYSTEM COMPONENTS**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Antenna</th>
<th>Tripod</th>
<th>Carry case</th>
<th>Cable Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE78-2</td>
<td>C125-2</td>
<td>EMS5-1</td>
<td>CC2-1</td>
<td>–</td>
</tr>
<tr>
<td>SE78-2-2</td>
<td>C125-2</td>
<td>EMS5-1</td>
<td>CC2-1</td>
<td>U133-1-1 (1)</td>
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</tbody>
</table>

All data contained herein is subject to change without notice. For additional information E-mail: antenna.info@harris.com
SE78 Series Portable UHF Antenna System
[C125 Antenna and Accessories]

INCHES [CENTIMETERS]

TYPICAL RADIATION PATTERN (dB)

Consult with factory for mounting specifications.