SAJ-014-S1

Trihedral Corner Reflector, 1.4"

Description:

Model SAJ-014-S1 is a 1.4” x 1.4” x 1.4” trihedral corner reflector, featuring a rugged aluminum construction with a gold chemical film finish. The trihedral reflector simulates radar target precisely and is widely used for radar system calibration. With a ¼-20 threaded hole for a built in mounting bracket, the reflector can be mounted onto a tripod for rapid system setups.

Features:

- Compact Size
- High RCS
- Rugged Configuration

Applications:

- Radar Target Simulator
- Radar System Evaluation
- Radar System Calibration

Mechanical Specifications:

<table>
<thead>
<tr>
<th>Item</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mounting</td>
<td>¼-20 Threaded Hole</td>
</tr>
<tr>
<td>Finish</td>
<td>Gold Chem Film</td>
</tr>
<tr>
<td>Weight</td>
<td>0.5 lbs</td>
</tr>
<tr>
<td>Edge Length</td>
<td>1.4”</td>
</tr>
<tr>
<td>Outline</td>
<td>AJ-S-1.4</td>
</tr>
</tbody>
</table>

Calculated Radar Cross Section and Relative Magnitude

[Graph showing calculated radar cross section and relative magnitude]
Trihedral Corner Reflector, 1.4”

**Mechanical Outline:** (Unless otherwise specified, all dimensions are in inches [millimeters])

Note:

- All data presented is simulated. Actual data may vary, slightly.
- SAGE Millimeter, Inc. reserves the right to change the information presented without notice.