**SAJ-018-S1**

**Trihedral Corner Reflector, 1.8”**

**Description:**

Model **SAJ-018-S1** is a 1.8” x 1.8” x 1.8” 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>0.6 lbs</td>
</tr>
<tr>
<td>Edge Length</td>
<td>1.8”</td>
</tr>
<tr>
<td>Outline</td>
<td>AJ-5-1.8</td>
</tr>
</tbody>
</table>

**Calculated Radar Cross Section and Relative Magnitude**

![Graph showing calculated radar cross section and relative magnitude vs. frequency](image-url)
**Mechanical Outline:** (Unless otherwise specified, all dimensions are in inches [millimeters])

![Mechanical Outline Diagram]

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