

# SAJ-135-S1

Rev. 1.0

## Trihedral Corner Reflector, 13.5"

### Description:

**Model SAJ-135-S1** is a 13.5" x 13.5" x 13.5" 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

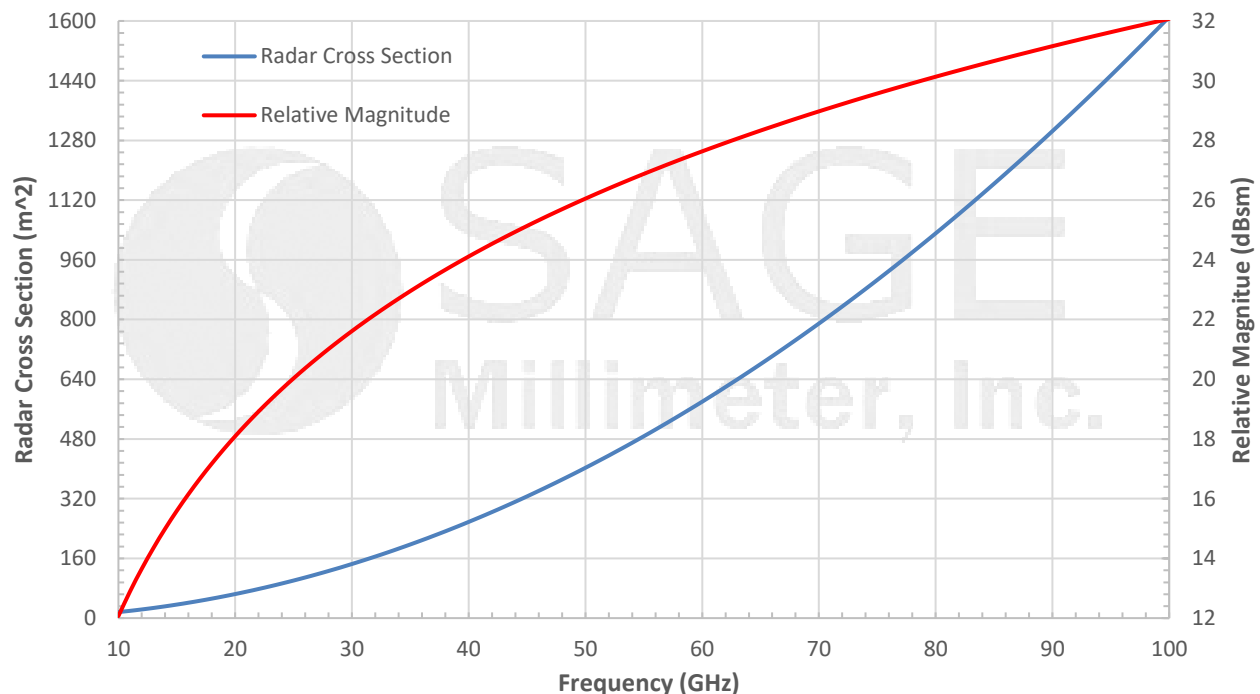
### Applications:

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

### Mechanical Specifications:

| Item        | Specifications     |
|-------------|--------------------|
| Mounting    | ¼-20 Threaded Hole |
| Finish      | Gold Chem Film     |
| Weight      | 4.9 lbs            |
| Edge Length | 13.5"              |
| Outline     | AJ-S-13.5          |

### Calculated Radar Cross Section and Relative Magnitude



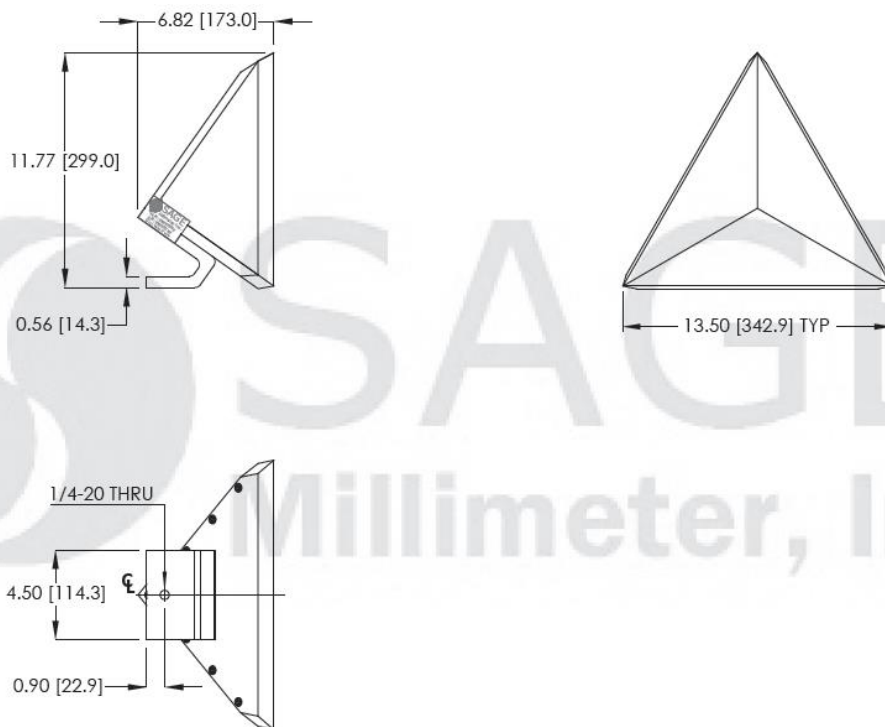
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**Mechanical Outline:** (Unless otherwise specified, all dimensions are in inches [millimeters])



**Note:**

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

