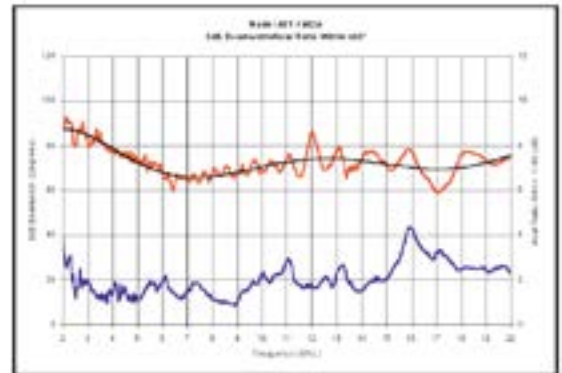
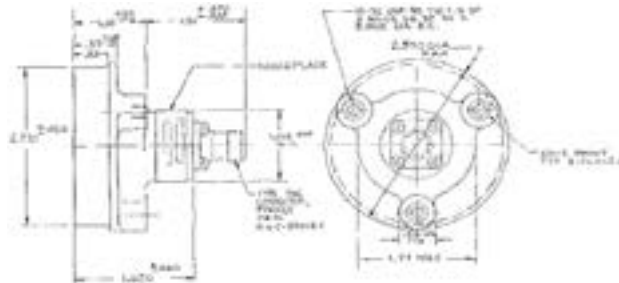


# Model AST-1462A Cavity Backed Spiral Antenna

CAES AST-1462A spiral antenna provides superior performance for use in applications requiring circular polarization. This 2.5-inch diameter model features an axial connector for easy cabling and installation. With good input VSWR, this antenna provides smooth broadband gain and low axial ratios. Examples of usage include radar warning receivers and other airborne EW applications.

The AST-1462A Antenna has undergone extensive environmental qualification testing for use in airborne applications. AST-1462A is available with TNC Female Connector only.



# Model AST-1462A Cavity Backed Spiral Antenna

**KEY FEATURES:**

- Ultra Broadband Frequency Performance (2-18 GHz)
- Low Axial Ratio
- Rugged Design for Survivability in Airborne Applications
- Left Hand Circular Polarization

**FREQUENCY:**

- 2 to 18 GHz

**GAIN:**

- 2 GHz      -7 dBLi
- 9 GHz      2 dBLi
- 18 GHz    1 dBLi

**VSWR:**

- 2.5:1 typical

**POWER:**

- 1 W

**BEAMWIDTH:**

- 80°± 20°

**SQUINT:**

- +/- 15 deg

**AXIAL RATIO:**

- 1 dB      0°
- 2dB      ±45°

**DIAMETER:**

- 2.5 inches

**WEIGHT:**

- 4 oz.

