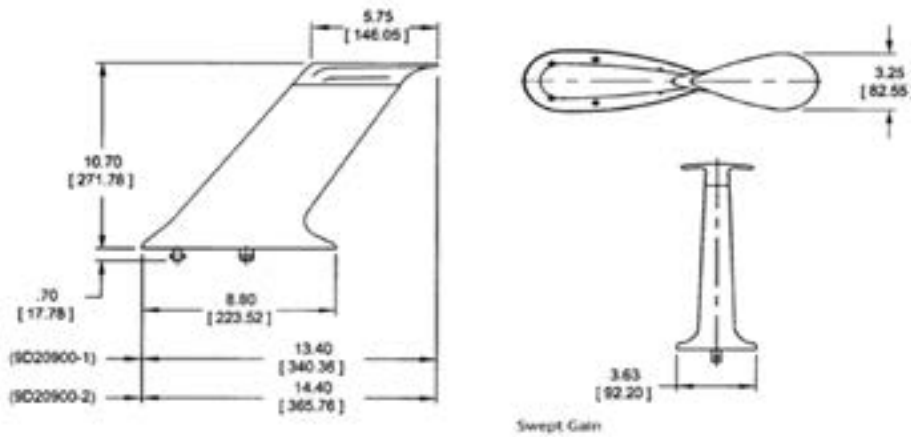


Model 9D20900 Sonobouy Blade Antenna

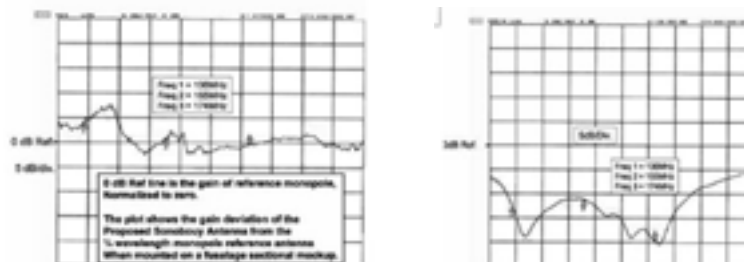
CAES high performance blade antennas, Models 9D20900-1 and 9D20900-2, are highly efficient, have low VSWR, low aerodynamic drag and are ideal for Sonobouy applications. Both models have identical footprints and mounting bolt patterns and incorporate an internal D.C. ground for lightning protection.



PHYSICAL CONFIGURATION



SAMPLE RADIATION PATTERNS



Model 9D20900 Sonobouy Blade Antenna

- FEATURES :**
- Broad Bandwidth
 - High Power Handling
 - Integrated BIT Probe
 - Extremely Durable

- FREQUENCY RANGE:**
- 162 to 174 MHz (9D20900-1)
 - 136 to 174 MHz (9D20900-2)

- VSWR:**
- 1.5 : 1 max. (9D20900-1)
 - 2.0 : 1 max. (9D20900-2)

- IMPEDANCE:**
- 50 Ohms

- POLARIZATION:**
- Vertical

- PATTERN**
- Similar to a quarter wave monopole over a ground plane

- RF POWER:**
- 100 Watts CW

- WEIGHT:**
- 3 lbs. max.

- INPUT:**
- TNC Jack (VHF Feed)
 - BNC Jack (Probe0)

- PROBE VSWR:**
- 2.0 : 1 max. (9D20900-1)
 - 1.5 : 1 max. (9D20900-2)

- PROBE COUPLING:**
- 22^{±2} dB (9D20900-1)
 - 24^{±5} dB (9D20900-2)