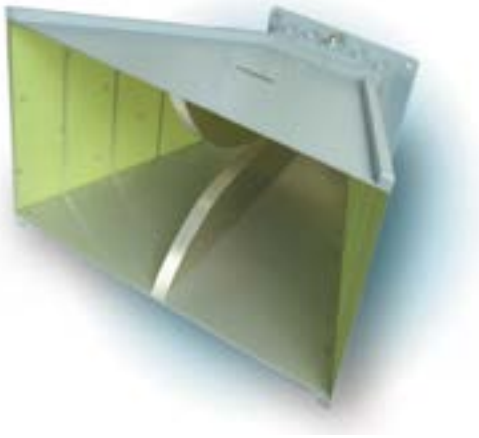


Model H-1734 Broadband Horn Antenna

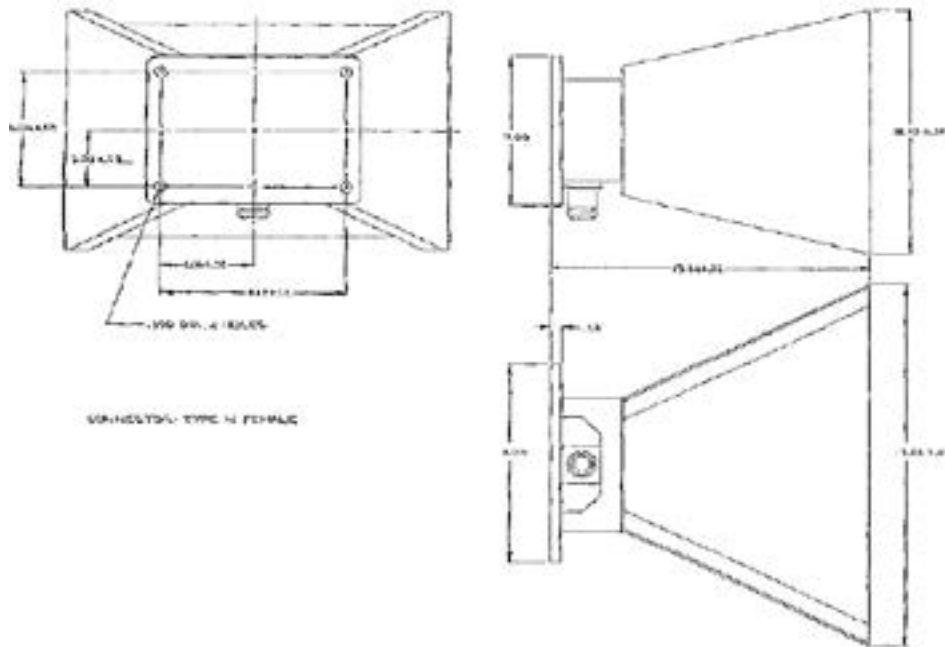
CAES model H-1734 broadband linear horn antennas provide superior performance for use in a wide variety of laboratory, commercial and military applications. With excellent input VSWR, these antennas provide high gain across the frequency range and consistent pattern performance. They have become a laboratory standard as a reference horn in anechoic chambers and outdoor ranges. Model H-1734 is available with Type-N Female connector.



Applications Include:

- Laboratory Standards and References
- Low and Medium Power (250 Watt CW Maximum)
- Applications Requiring Small size, High Gain
- Flight Line Test Set Signal Sources

PHYSICAL CONFIGURATION



Model H-1734 Broadband Horn Antenna

- KEY FEATURES:**
- Ultra Broadband Frequency Performance (0.5 - 6.0 GHz)
 - High Gain
 - Rugged, Simple Design for Excellent Durability

- FREQUENCY RANGE:**
- 1 to 12.4 GHz

- VSWR:**
- 2.5 : 1 max.
 - <2:1 typical

- GAIN:**
- 0.5 GHz = 5 dBiL
 - 2 GHz = 10 dBiL
 - 6 GHz = 14 dBiL

- 3 dB BEAMWIDTH:**
- 50° E-Plane
 - 50° H-Plane

- POWER (CW):**
- 250 W

- WEIGHT:**
- 22 lbs

- DIMENSIONS:**
- 19.2 X 12.2 X 15.5

