

Model H-1498 Broadband Horn Antenna

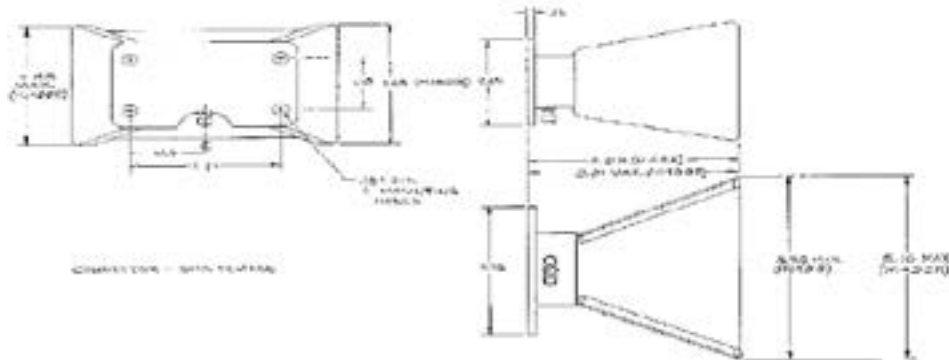
CAES H-1498 series broadband linear horn antennas provide superior performance for use in a wide variety of laboratory, commercial and military applications. With excellent input VSWR, these antennas provide high gain across the frequency range and consistent pattern performance. They have become a laboratory standard as a reference horn in anechoic chambers and outdoor ranges. The H-1498 is available with SMA female connector (standard) and TNC female connector (H-1498T). A further option is a radome/aperture cover (H-1498R) for outdoor use.



Applications Include:

- Laboratory Standards and References
- Low Power Transmit Applications
- Applications Requiring Small size, High Gain
- Flight Line Test Set Signal Sources

PHYSICAL CONFIGURATION



Model H-1498 Broadband Horn Antenna

KEY FEATURES:

- Ultra Broadband Frequency Performance (0.5 - 6.0 GHz)
- High Gain
- Small size and Light weight
- Industry Standard Mounting Flange
- Rugged, Simple Design for Excellent Durability

FREQUENCY RANGE:

- 2 to 18 GHz

VSWR:

- 3 : 1 max.
- <2.5 : 1 typical

GAIN:

- 2 GHz = 6 dBiL
- 9 GHz = 11 dBiL
- 18 GHz = 11 dBiL

3 dB BEAMWIDTH:

- 80° E-Plane
- 50° H-Plane

POWER (CW):

- 50 W

WEIGHT:

- 10 oz

DIMENSIONS:

- 4.9 X 3.2 X 3.9

