

Model H-1479 Series Broadband Horn Antenna

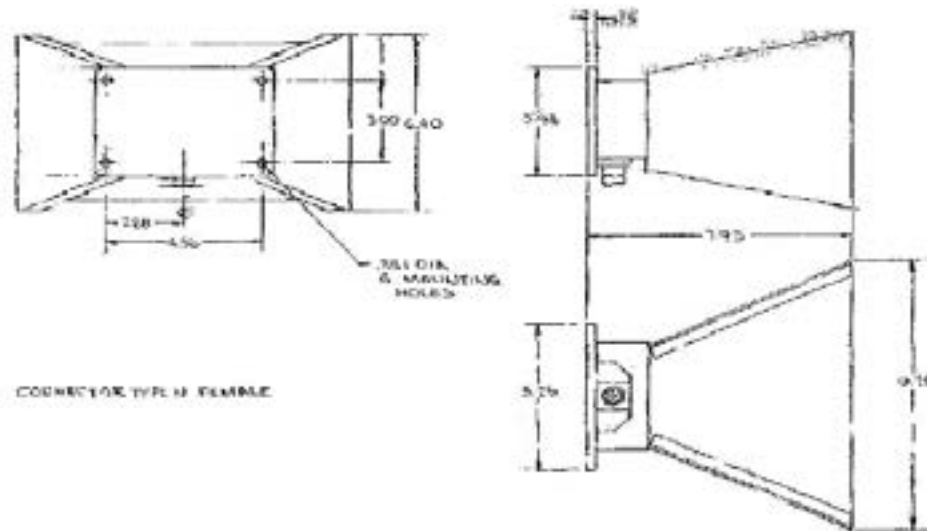
CAES H-1479 series broadband linear horn antennas provide superior performance for use in a wide variety of laboratory, commercial and military applications. With excellent input VSWR, these antennas provide high gain across the frequency range and consistent pattern performance. They have become a laboratory standard as a reference horn in anechoic chambers and outdoor ranges. The H-1479 is available with Type N connector. Customers can opt for a slant-45 degree polarizer (H-1479SL) on a special order basis.



Applications Include:

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

PHYSICAL CONFIGURATION



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KEY FEATURES:

- Ultra Broadband Frequency Performance (1.0 - 12.4 GHz)
- High Gain
- Rugged, Simple Design for Excellent Durability

FREQUENCY RANGE:

- 1 to 12.4 GHz

VSWR:

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

GAIN:

- 1 GHz = 6 dBiL
- 6 GHz = 12 dBiL
- 12.4 GHz = 13 dBiL

3 dB BEAMWIDTH:

- 50° E-Plane
- 50° H-Plane

POWER (CW):

- 250 W

WEIGHT:

- 4 lbs.

DIMENSIONS:

- 9.8 X 6.4 X 7.9

