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
Model H-1479 Series
Broadband Horn Antenna

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