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
# 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