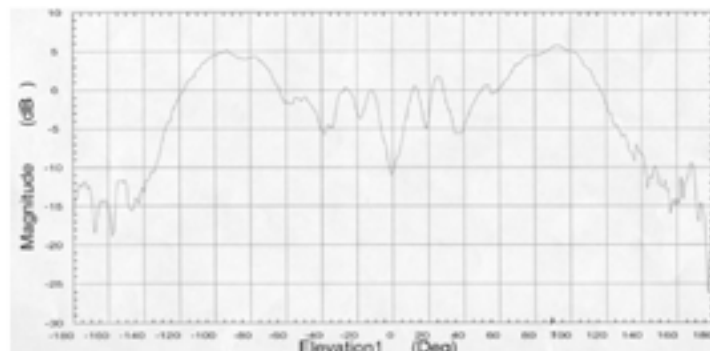
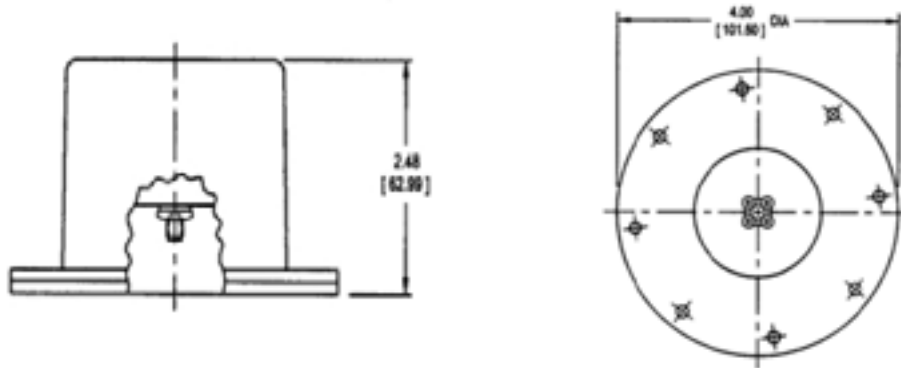


Model A6473 Omni-Directional Bicone

CAES model A6473 bicone antenna operates at high frequency, provides omni-directional azimuth coverage, and can handle 5 Watts CW. This antenna features rugged aluminum and composite construction and includes an integral protective radome. It is available with optional vertical linear or circular polarization. The A6473 operates from 18 to 40 GHz, is approximately 2.5 inches tall by 4 inches diameter, and provides nominal gain of +3 dBil. Other models are also available for other frequency ranges and gain; contact Cobham to discuss your specific requirements. This antenna is suitable for a range of uses including broadband communications systems and Electronic Warfare (EW) applications.



PHYSICAL CONFIGURATION



Model A6473 Omni-Directional Bicone

KEY FEATURES:

- 2.2 : 1 Bandwidth
 - Omni-Directional Azimuth Pattern
 - Electrically Compact and Light Weight
 - Integral Radome
 - Rugged Construction
 - Optional Polarizers
-

FREQUENCY RANGE:

- 18 to 40 GHz
-

VSWR:

- 3.5 : 1 max
 - 2.5 : 1 average
-

GAIN (NOMINAL):

- | | | | |
|----------|---------|--------|---------|
| • 18 GHz | +5 dBiL | 26 GHz | +3 dBiL |
| • 40 GHz | +3 dBiL | 40 GHz | +3 dBiL |
-

POLARIZATION:

- Slant 45°
-

ELEVATION BEAMWIDTH:

- 40° to 18° nominal
-

RF POWER:

- 50 Watts CW
-

WEIGHT:

- 1 lbs.
-

INPUT:

- 2.9 mm. Female

