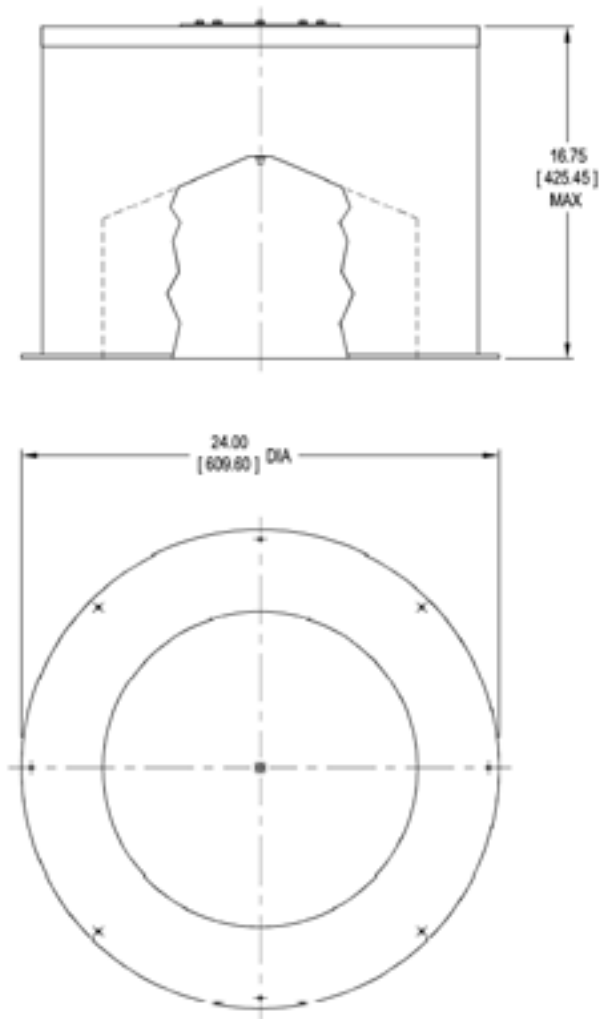


Model A6434 Omni-Directional Bicone

Model A6434 provides two octave coverage from 0.5 to 2 GHz. Like other antennas in the series, this biconical antenna provides optimum coverage on horizon with elevation beamwidth varying from approximately 90 degrees at the lowest frequency to 12 degrees at the highest frequency. This coverage is provided in slant linear polarization over 360 degrees in azimuth. This antenna is radome protected. Options are available for vertical polarization or circular polarization in selected bands.

PHYSICAL CONFIGURATION



Model A6434 Omni-Directional Bicone

KEY FEATURES:

- Omni-Directional Azimuth Pattern
- Integral Radome
- Optimum Coverage
- Optional Polarizers

FREQUENCY RANGE:

- 0.5 to 2 GHz

VSWR:

- 3.0 : 1 max
- 2.0 : 1 nominal

GAIN (NOMINAL):

- -6 to 0 dBil

POLARIZATION:

- Slant 45°

ELEVATION BEAMWIDTH:

- 90° to 12° nominal

AZIMUTH PATTERN:

- Omni directional \pm 1.5 dB

RF POWER:

- 50 Watts CW

WEIGHT:

- 18 lbs.

INPUT:

- SMA Female

