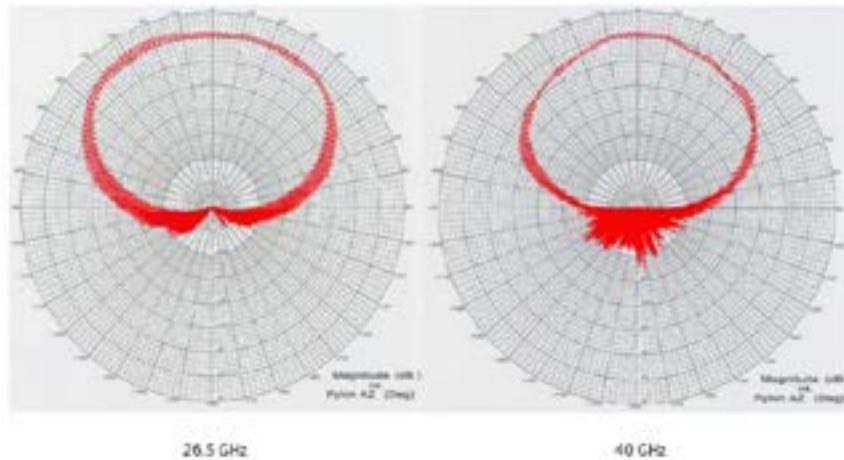
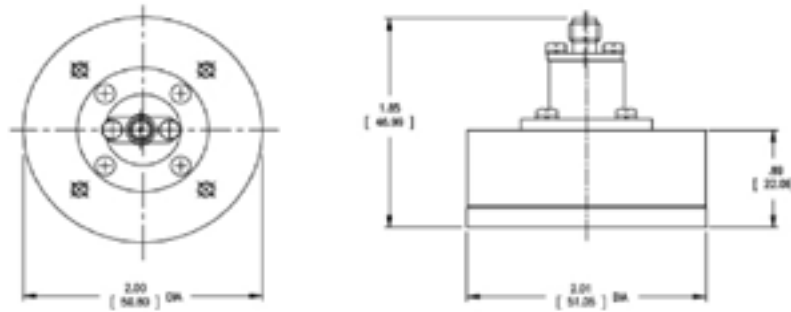


Model A4460 Spiral Antenna

CAES introduces the latest in its line of high performance spiral antennas for Electronic Warfare (EW), radar warning, and other applications. Model A4460 operates over the 2 to 40 GHz frequency range with a maximum VSWR of 3.0:1, and provides gain ranging from -8 to 0 dBiL. This antenna is only 2 inches in diameter and is available with an optional protective radome. Model A4460 is also suitable for Communication, Navigation, & Identification (CNI) systems and is particularly well suited to meet the light weight and small size requirements of airborne applications, such as UAVs, without compromising electrical performance.



PHYSICAL CONFIGURATION



26.5 GHz

40 GHz

Model A4460 Spiral Antenna

KEY FEATURES:

- Low VSWR
- Broad Bandwidth
- Low Axial Ratio
- Light Weight
- Compact Size
- Optimized Gain vs. Size

FREQUENCY RANGE:

- 2 to 40 GHz

VSWR:

- 3.0 : 1 max

GAIN ON BORESIGHT:

- -8 to 0 dBiL nominal

AXIAL RATIO ON BORESIGHT:

- 2.5 dB max

POLARIZATION:

- LHCP or RHCP available

BEAMWIDTH:

- 80° nominal

SIZE:

- 2.0 in. diameter x 1.85 in. deep

WEIGHT:

- 2.0 oz.

INPUT:

- 2.9 mm coaxial connector

