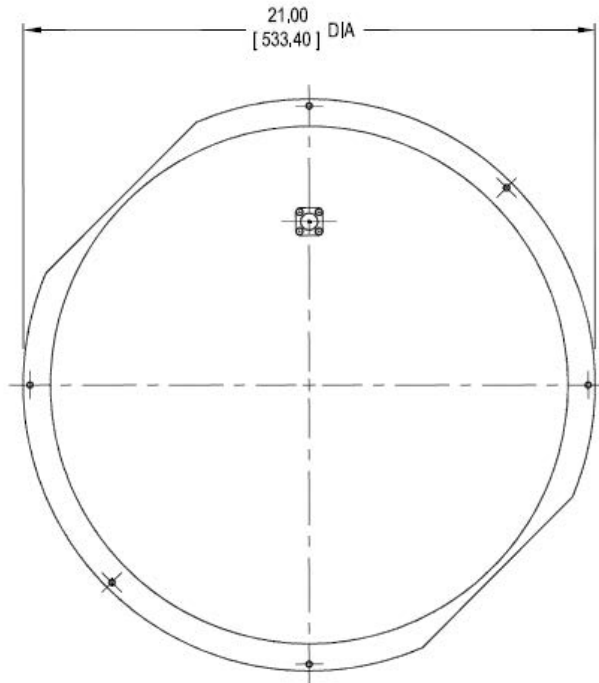
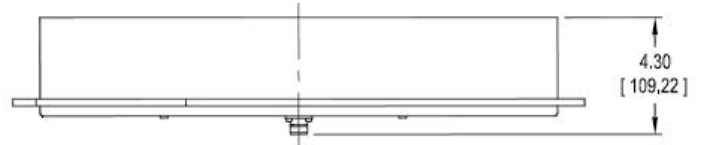


Model A1520 Cavity Backed Spiral Antenna

Model A1520 has an extremely shallow non-loaded cavity and covers a 5:1 bandwidth efficiently and consistently. Matched sets may be specified to obtain required gain tracking. Its first installation was in a DF system in a relatively small aircraft, where the small size and low weight were valuable. Similar applications in airborne, ship and land mobile installations are directly adaptable



Model A1520 Cavity Backed Spiral Antenna

KEY FEATURES:

- Broad Bandwidth
- Airborne Application
- Directly Adaptable

FREQUENCY RANGE:

- 200 to 1000 GHz

VSWR:

- 2.0 : 1 nominal
- 2.5 : 1 max.

GAIN:

- -5 dBci at 200 MHz
- +1 dBci at 300 MHz
- +5 dBci at 1000 MHz

3 dB BEAMWIDTH:

- 75°

POLARIATION:

- RHCP P/N : 02-101175-01
- LHCP P/N : 02-101175-02

AXIAL RATIO:

- 1 dB max

RF POWER:

- 2 Watts CW

WEIGHT:

- 10 lbs

INPUT:

- N female

ENVIRONMENTAL SPECIFICATIONS:

- AMIL-HDBK-5400

