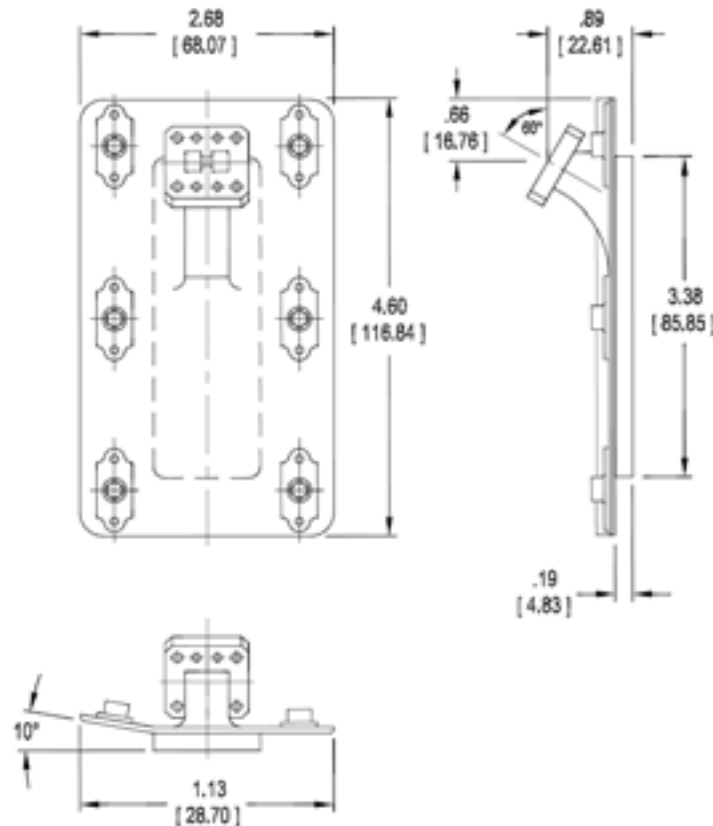


Model 290RH2 Surface Wave Antenna

Model 290RH2 is manufactured from aluminum and is lightweight for airborne environmental use. The antenna element is a leaky wave type of antenna that is suitable for flush mounting and dielectric is employed for pattern control. Radiation patterns are typically asymmetrical in the elevation plane if the unit is mounted on the underside of an aircraft.



PHYSICAL CONFIGURATION



Model 290RH2 Surface Wave Antenna

- FEATURES :**
- Pressure Sealed
 - Guidance - Dielectric Rod Antenna
 - Light weight
 - Leaky Wave Type
 - Directive Beam

- FREQUENCY RANGE:**
- 18 to 40 GHz

- VSWR:**
- 2 : 1

- NOMINAL GAIN:**
- 5 to 8 dBiL

- NOMINAL 3 dB BEAMWIDTH:**
- E-Plane : 30°
 - H-Plane: 60°

- POLARIZATION:**
- Linear

- PRESSURE:**
- 10 psig

- WEIGHT:**
- 9 oz.

- INPUT:**
- WRD-180

- ENVIRONMENTAL SPECIFICATION:**
- MIL-HDBK-5400

