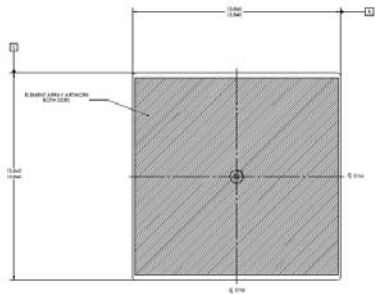


FRF-135 SERIES DATA SHEET



FRF-135 X-band High Gain Antenna

Description:

The FIRST RF Corporation FRF-135 antenna is a high-gain lightweight linear polarized antenna. The antenna is tailored for airborne applications, especially for use in external pods. Multiple panels can be used for larger gain or for direction finding applications.

Performance Overview:

Frequency: 9-11 GHz

Gain: ~ 25 dBi

VSWR: 2.5:1 Max

Beamwidth:

- ~ 4°

Nominal Impedance: 50 Ohms

Polarization: Linear

Environmental:

Operating Temperature: -55°C to +125°C

Mechanical Overview:

Connector: SMA female

Physical Dimensions

- 13.85" square
- Thickness: 0.25" plus connector

Antenna Weight: < 5 lbs.