

## Spot Beam Broadband Antenna





The FXRH2.5-6.0-14 antenna is designed to be used in military, commercial, and other applications where reliability is needed most. This antenna works with all radios within the 2.5-6 GHz bands.

The antenna is provided with state-of-the-art technology essential for maximum reliability and superior performance. Ideal for spot beam applications, targeting applications, jamming, broadband high speed platforms, and proximity backhaul data links.

The antenna is made from high strength aluminum and is constructed from corrosion resistant materials for reliability in the harshest environments.

- Broadband 2.5– 6 GHz
- Focused beam
- High Power
- Low VSWR
- Jamming, Backhaul, Spot Illumination
- High Strength Aluminum
- USA Made



## Spot Beam Broadband Antenna

**Specifications** 

**ELECTRICAL:** 

Frequency Range: 2.5-6GHz

Gain: 14.5 dBi +/- .5 Minimum for all

Freq. Range

**VSWR:** 2.75:1

**Input Impedance:** 50  $\Omega$  Nominal

Power: .4 kW

**Polarization:** Horizontal or Vertical

Radiation Pattern: @ 2.5GHz Azimuth: 31°

Elevation: 28°

@ 6.0GHz Azimuth: 31°

Elevation: 31°

**Input Connector:** N-Female

**MECHANICAL:** 

Overall Length: 15 in. (381 mm)

**Height:** 10 in. (254 mm) **Width:** 13 in. (330 mm)

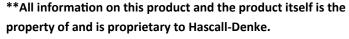
**Net Weight:** 4.0 lb. (1.8 kg)

**Operational Temps:**  $+14^{\circ}$  to  $+131^{\circ}$ F ( $-10^{\circ}$  to  $+55^{\circ}$ C)

**Storage Temps:**  $-4^{\circ}$  to  $+160^{\circ}$ F  $(-20^{\circ}$  to  $+71^{\circ}$ C)

Color: Green

**Compliance:** Built to meet MIL-STD—810F



<sup>\*\*</sup>Specifications are subject to change without prior notice.

