

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 Ω Nominal | | | | | | | | |
| Power: | .4 kW | | | | | | | | |
| Polarization: | Horizontal or Vertical | | | | | | | | |
| Radiation Pattern: | <table border="0"> <tr> <td>@ 2.5GHz</td> <td>Azimuth: 31°</td> </tr> <tr> <td></td> <td>Elevation: 28°</td> </tr> <tr> <td>@ 6.0GHz</td> <td>Azimuth: 31°</td> </tr> <tr> <td></td> <td>Elevation: 31°</td> </tr> </table> | @ 2.5GHz | Azimuth: 31° | | Elevation: 28° | @ 6.0GHz | Azimuth: 31° | | Elevation: 31° |
| @ 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° to +131°F (-10° to +55°C) |
| Storage Temps: | -4° to +160°F (-20° to +71°C) |
| Color: | Green |
| Compliance: | Built to meet MIL-STD—810F |

**All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.

**Specifications are subject to change without prior notice.

