

DS-0300 Disk Spiral Antenna

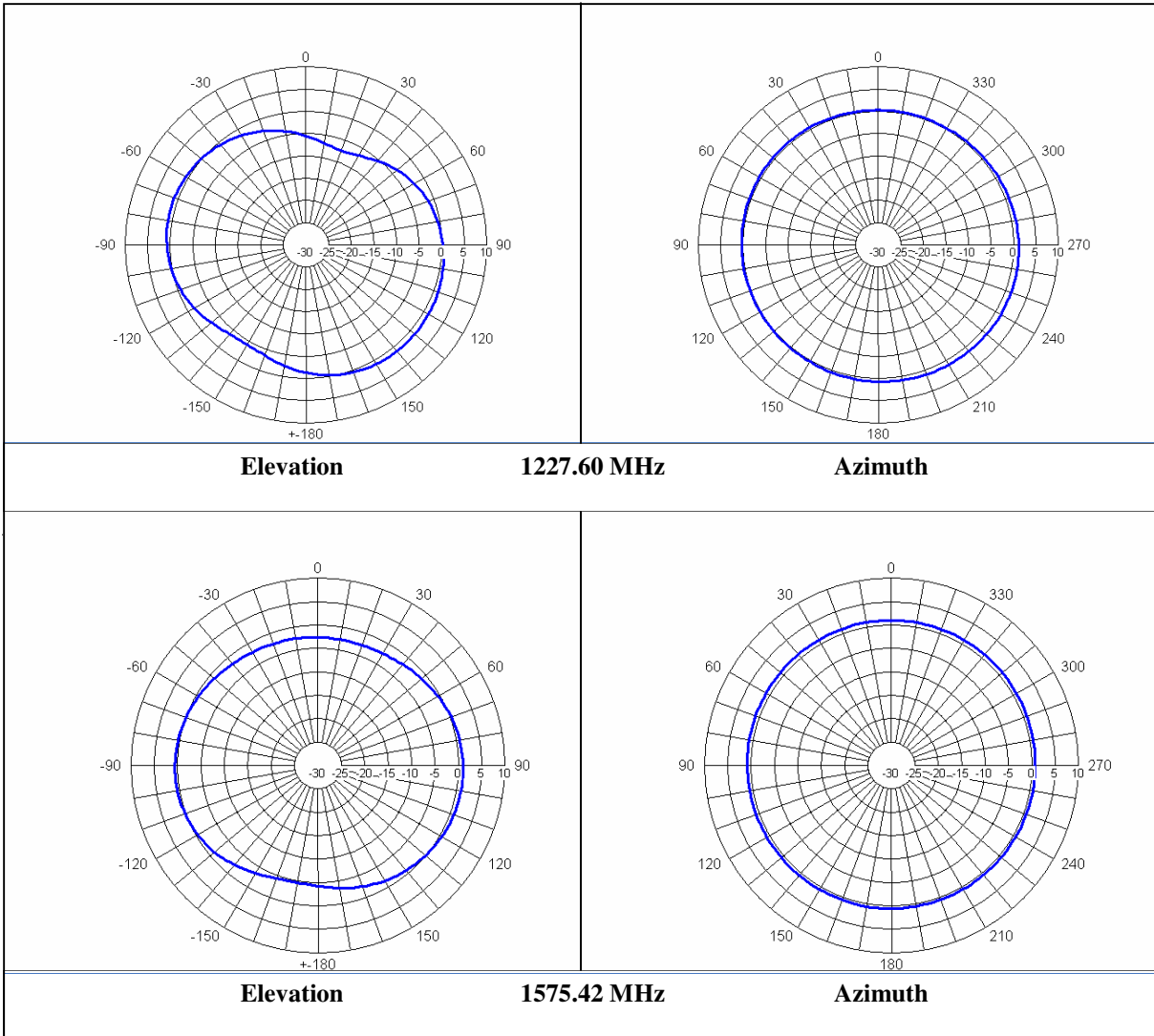


- ◆ **Threat Representative**
- ◆ **Linear Polarization**
- ◆ **Rugged Construction**

The DS-0300 is a wide band, small biconnical spiral transmit and receive antenna contained within a rugged, sealed epoxy-glass radome. The result is an exact threat representative antenna in a robust package with standard type-N connectors. The antenna is available in a high power version and in a wide variety of mounting options including vehicular magnetic mount or with a deployable tower mount.

Specifications

Model:	DS-0300
Frequency:	1.2-1.6 GHz
Gain:	2.39 dBiL
Power:	50 watts (CW), high power version available
Polarization:	Linear (typically vertical)
VSWR:	1.5:1 typical 2.0:1 maximum
Beamwidth:	360 x 90 degrees (center frequency)



Mechanical Specifications

Dimensions:	4.0" x 3.0" x 3.0" (10.16cm x 7.62cm x 7.63cm)
Weight:	2.2 lbs. (.998 kg)
Temperature:	-20° to +150° F (-28.8° to 65.5° C)
Environment:	harsh
Connector:	Type-N (other types available)