

# FRF-157: Conformal L-Band/LINK-16 Antenna

## Description:

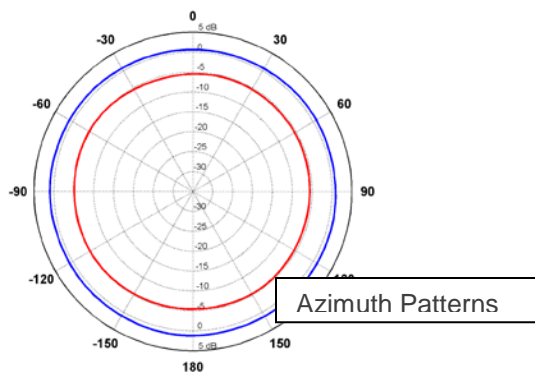
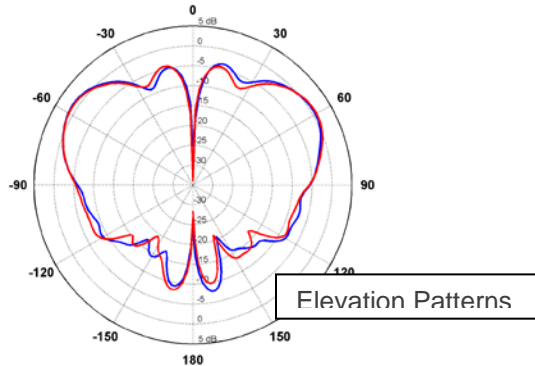
The FIRST RF FRF-157 is a conformal hexagonally-shaped antenna supporting the L-Band LINK-16 datalink band from 960 – 1220 MHz

## RF Performance Overview:

Frequency	960 – 1220 MHz
VSWR	3.0:1
Pattern	Omni-directional in azimuth Similar to Monopole in elevation
Polarization	Linear/vertical
Power	50 Watts

## ANTENNA PATTERNS

(on a 36" dia. round ground plane)



## Mechanical Overview:

Connector	SMA Female
Weight	0.5 pounds (0.25 kg)
Overall Dimensions:	5.85" (hexagonal)
Cutout Dimensions:	5.25" (hexagonal)
Finish:	Anodized Aluminum housing with flush PTFE based radome.

