



# FRF-162-504

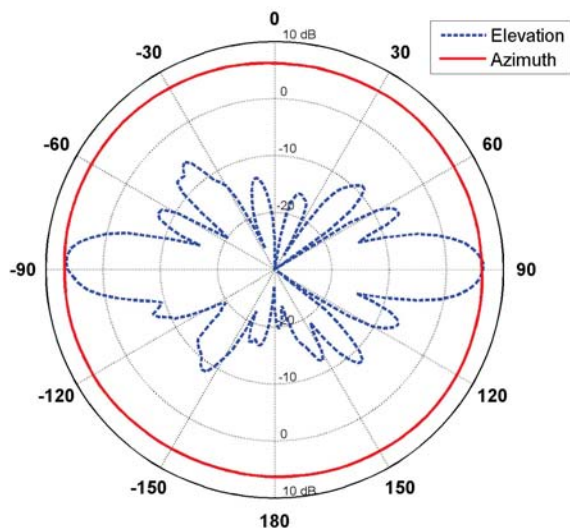
## DATA SHEET

### Description:

The FIRST RF Corporation FRF-162 antenna provides broadband high gain omni-directional coverage with right-hand and left-hand circular polarization.

The FRF-162 operates from 4.4 - 5.8 GHz, and has better than +5dBic gain from 4.4 - 4.7 GHz. The FRF-162 has two input ports: one right-hand and one left-hand circular polarization.

### RF Performance Overview:



Typical Pattern



Typical Installation

### Antenna Information:

Nominal Impedance: 50 Ohms  
High Power Handling Capable  
Polarization: RHCP and LHCP  
VSWR: 2:1

### Environmental:

Designed to exceed MIL-STD-810F  
Temperature: -40-+71°C Operational

### Mechanical Overview:

Connector: 2 × TNC Female

Physical Dimensions  
• Height: 15"  
• Diameter: 2.5" radome

Antenna Weight: under 3 lbs.

Radome: Acrylic

Vehicle Mounting: Standard four (4) hole interface mount