

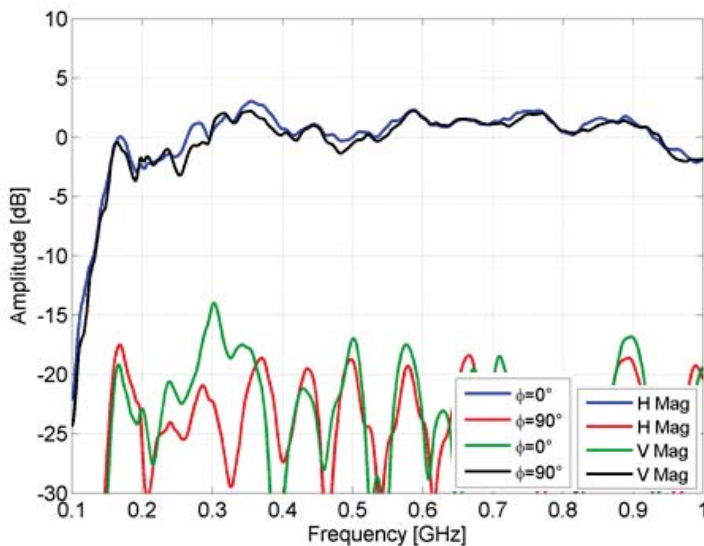
# FRF-239

## DATA SHEET

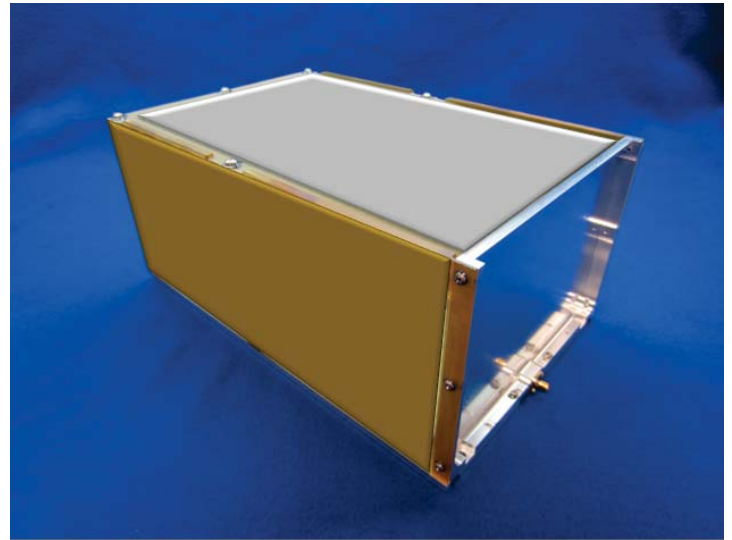
### Description:

The FIRST RF Corporation FRF-239 is an ultra-lightweight, broadband antenna designed for space-based applications. This broadband UHF antenna, with its compact form factor and lightweight construction, is specifically tailored for use on small satellite platforms. Additionally, the product has been designed to survive the NASA GEVS environment.

### RF Performance Overview:



FRF-239 typical gain vs. frequency curves.



FRF-239

### Antenna Information:

Frequency Band: 150-1,000 MHz  
Gain: +3dBi max  
VSWR: < 3:1  
Polarization: linear

### Environmental:

Temperature: -20°C to +90°C Operational  
Designed to survive the NASA GEVS environment

### Mechanical Overview:

Height: 5.94"  
Footprint: 12.9" x 8.5"  
Weight: < 2.2 lbs  
Interface: 1x SMA Female