

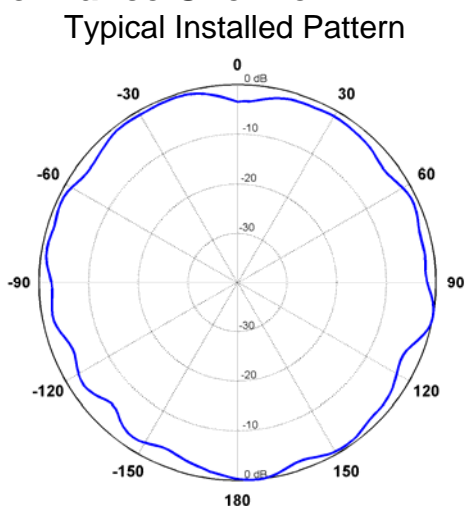
# FRF-188 DATA SHEET

## Description:

The FIRST RF Corporation FRF-188 antenna is a low profile broadband omni-directional antenna covering over a 40:1 bandwidth, making it well-suited for applications which require broadband or multi-band performance in applications where height is critical. This includes single installation multi-band communications for both commercial and military applications, electronic warfare (EW), electromagnetic surveillance (ES), and spectrum monitoring.

In functions requiring transmitting capability, the FRF-188 is high-power capable with an omni-directional pattern over a broad frequency range. With this performance, the FRF-188 is a superior choice for broadband EW and communications applications.

## RF Performance Overview:



## Typical Installation



Nominal Impedance: 50 Ohms  
High Power Handling Capable  
Polarization: Vertical  
Please contact FIRST RF for detailed RF performance specifications for this antenna

## Environmental:

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

## Mechanical Overview:

Connector: N-Type Female

### Physical Dimensions

- Height: 10"
- Diameter: 31"

Antenna Weight: under 40 lbs.

Radome: Black urethane (70 durometer)

Vehicle Mounting: Magnetic, strapped tie-down, and roof rack options available.