

# FRF-161: UHF/L-Band Blade Antenna



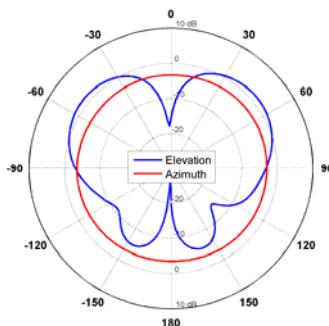
## DESCRIPTION

**FRF-161:** Dual-band UHF and L-Band antenna. For low- and high-speed fixed-wing and rotor aircraft. **Color:** lusterless black, gloss white and aircraft green per MIL-PRF-22750 colors 37038, 17875 and MIL-DTL-53039 or MIL-DTL-64159.

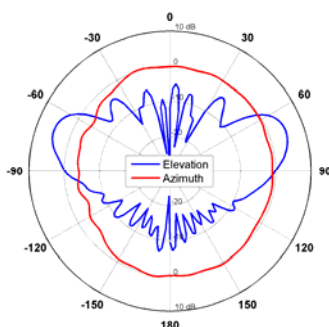
## PERFORMANCE

On a 4 foot diameter ground plane

Typical UHF Gain Pattern; (0 to 3 dB across the band)



Typical L-Band Gain Pattern; (3 to 6 dB across the band)



## SPECIFICATIONS

Frequency	225-450MHz	1200-2000MHz
VSWR	3.0:1	2.0:1
Pattern	Omni-directional in Azimuth	
Polarization	Vertical	
Power	100 Watts	

## ENVIRONMENTAL

Side Load	8 psi
Temperature	-50°C to +85°C
Vibration	Compliant to MIL-DTL-85670C
Altitude	50,000 feet

## MECHANICAL

Connector	N type (UHF) TNC (L-Band)
Weight	3.5 pounds
Height	9.86"
Length	10.75"
Finish	Skydrol resistant enamel

