



Fiberglass base station antennas feature industry-leading design components that perform in extreme conditions.

The FG4607 incorporates a collinear design that is enclosed in high density fiberglass, which is covered with a protective ultraviolet inhibiting coating. The radiating elements are carefully phased to provide maximum gain in the horizontal plane. The mounting sleeves are tuned to eliminate RF currents from the transmission line, resulting in a “cold” sleeve that allows for greater freedom in mounting. The antenna’s high quality and well-focused beam provides the best efficiency with highest gain.

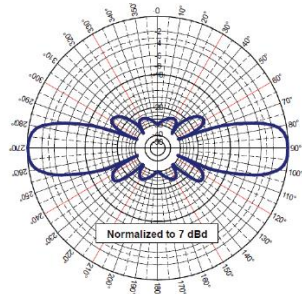
## FEATURES AND BENEFITS

- High gain 9 dBi
- Every antenna is tested on a network analyzer before shipping to ensure the best performance
- Custom UV protection coating
- Durable gold anodized sleeve and cap with N-female connector

ELECTRICAL SPECIFICATIONS	
Frequency Range (MHz)	460 – 470
VSWR – Max	<2.1 Max
Nominal Gain (dBi)	9
Maximum Power (W)	100
Nominal Impedance (Ohms)	50
Polarization	Vertical
Pattern	Omnidirectional
Half-Power Beamwidth (Elevation° / Azimuth°)	26° / 360°
Connector Type	N-Female connector
Lightning Protection	Lightning Arrestor LABH350NN (Sold Separately)

MECHANICAL SPECIFICATIONS	
Dimensions – diameter x height – mm (in.)	33.274 x 2698.75 (1.31 x 106.25)
Weight kg (lbs)	<1.36 (<3)
Rated Wind Velocity (with 0.5” radial ice) – mph (kph)	125 (210)
Lateral Thrust @ 1.25 mph wind velocity- mph (kph)	85 (137)
Equivalent Flat Plate Area – sq. meter (sq. ft.)	0.090 (0.9666)
Mounting Information	FM2 Mounting Kit (Sold separately)

## ELEVATION PATTERN (Y, Z, OR H-PLANE)



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**Americas:** +1.847.839.6925  
IAS-AmericasSales@lairdtech.com  
**Europe:** +44.1628.858941  
IAS-EUSales@lairdtech.com  
**Asia:** IAS-AsiaSales@lairdtech.com  
**Middle East and Africa:** +44.1628.858941  
IAS-MEAUSales@lairdtech.com  
**www.lairdtech.com**

