

global solutions :
local support..

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

Laird Technologies' Fiberglass Base Station antennas are collinear designs enclosed in a high density fiberglass, which is covered with a protective ultraviolet inhibiting coating.

The radiating elements are made from high efficiency copper and 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 allowing great freedom in mounting. This high quality and well-focused beam provides the highest gain and best efficiency.

Features and Benefits:

- Every FG fiberglass base antenna is tested on a network analyzer before shipping to assure the best performance.
- Special UV Treated - Stands up to the sun
- Durable gold anodized sleeve and cap with N Female connector
- Custom tuning available
- FedEx/UPS Shippable

Applications

- Omni-directional (circular) outdoor antenna applications used by private organizations and government agencies around the globe.
- Typical applications include land based and marine radio and data transmissions for public safety agencies, commercial organizations and the military.

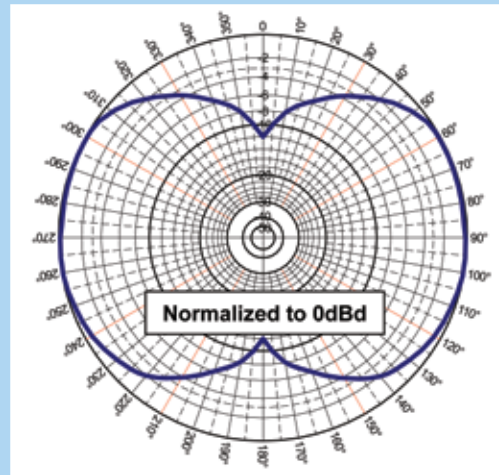
800.949.7079

order online today at www.talleycom.com

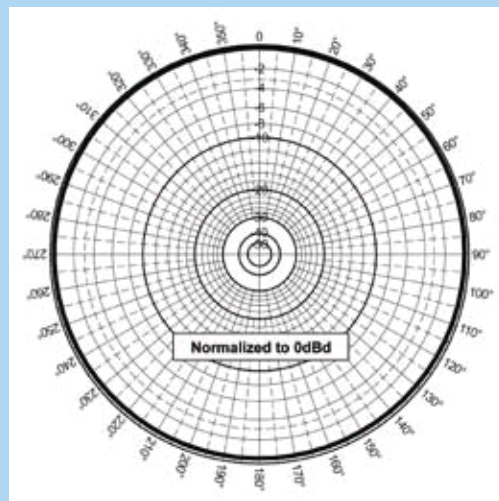
SPECIFICATIONS:

Electrical	
Frequency Range:	450 – 470 MHz
Bandwidth:	20 MHz, VSWR < 1.5:1 36 MHz, VSWR < 2:1
Nominal Gain:	0 dBd
Maximum Power:	200 W
Nominal Impedance:	50 Ω
Polarization:	Vertical
Pattern:	Omni-Directional
Half-Power Beamwidth: (Elevation° x Azimuthal°)	70° x 360°
Lightning Protection:	DC ground
Termination:	N-Female connector

Mechanical	
Height:	20"
Diameter:	1 - 3/8"
Weight:	.85 lbs
Rated Wind Velocity:	125mph (210kph)
Rated Wind Velocity (with 0.5" radial ice)	85mph (137kph)
Equivalent Flat Plate Area	0.2274 sq. ft.
Mounting Information:	FM2 Mounting Kit (Sold separately)



Elevation Pattern (Y, Z, or H-plane)



Azimuthal Pattern (Y, Z, or E-plane)

Any information furnished by Laird Technologies and its agents is believed to be accurate and reliable. Responsibility for the use and application of Laird Technologies materials rests with the end user since Laird Technologies and its agents cannot be aware of all potential uses. Laird Technologies makes no warranties as to the fitness, merchantability, or suitability of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies domestic terms and conditions of sale in effect from time to time, a copy of which will be furnished upon request.