FIBERGLASS BASE STATION ANTENNAS FEATURE INDUSTRY LEADING DESIGN COMPONENTS THAT PERFORM IN EXTREME CONDITIONS

The Laird FG4405 omnidirectional base station antenna 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

- High gain 5 dBi (7 dBi)
- Every FG fiberglass base antenna is tested on a network analyzer before shipping to assure the best performance
- Custom UV protection coating
- Durable gold anodized sleeve and cap with N-female connector
- FedEx/UPS Shippable

MARKETS

- Omnidirectional outdoor antennas used in commercial, public safety, and government applications around the globe.
- Typical applications include land based and marine radio and voice and data transmission

MECHANICAL SPECIFICATIONS

- Height 76.5"
- Diameter 1.310"
- Weight < 6 lbs
- Rated Wind Velocity 125 mph (210 kph)
- Rated Wind Velocity (with 0.5” radial ice) 85 mph (137 kph)
- Lateral Thrust @ 125 mph WIND VELOCITY 57 lbs. (26 kg)
- Equivalent Flat Plate Area (sq. ft.) 0.6959 sq. ft
- Mounting Information FM2 Mounting Kit, (Sold separately)
- Operating Temperature -30°C to +80°C

ELEVATION PATTERN (Y, Z OR H-PLANE)

Laird warrants to the original end user customer of its products that its products are free from defects in material and workmanship. Subject to conditions and limitations Laird will, at its option, either repair or replace any part of its products that prove defective by reason of improper workmanship or materials. This limited warranty is in force for the useful lifetime of the original end product into which the Laird product is installed. Useful lifetime of the original end product may vary but is not to exceed five (5) years from the original date of the end product purchase.