Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!


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Laird

Smart Technology. Delivered.

# 896-940 MHz Unity Gain Omnidirectional Antenna

# FG8960

FG8960
(Shown with optional FM2SP mounting kit)

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

The Laird FG8960 fiberglass omnidirectional base station antenna is a convenient and highly durable solution for base station or micro base station applications. It features superior quality design through heavy wall gold anodized aluminum mounting sleeve and a highly polished white UV treated fiberglass radome.

## FEATURES

- High performance
- 100% tested on a network analyzer before shipping
- Special UV protection coating resist sun damage
- Easy installation with optional FM2SP Mount Kit
- N Female industry standard connector

## MARKETS

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

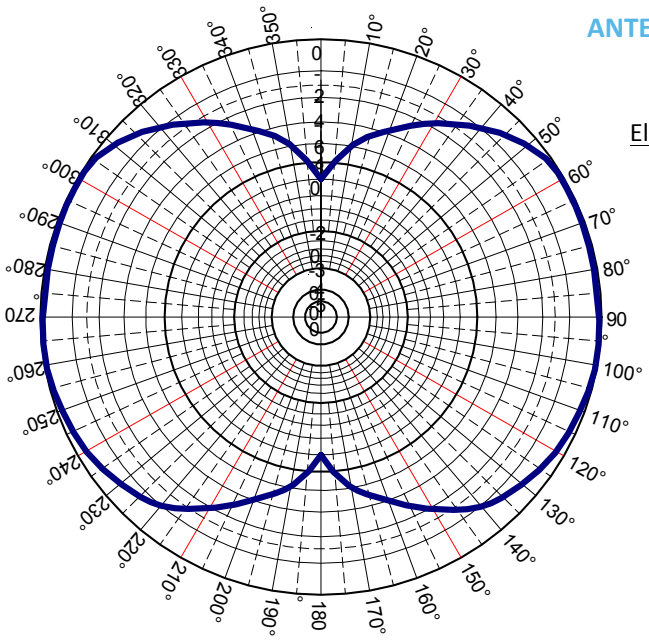
## SPECIFICATIONS

| | |
|---|---|
| Part Number | FG8960 |
| Frequency Range (MHz) | 896 - 940 MHz |
| Nominal Gain | 0 dBd |
| VSWR | <2.0:1 |
| Maximum Power | 100 watts |
| Nominal Impedance | 50 Ohm |
| Polarization | Vertical |
| Pattern | Omni-Directional |
| Half-Power Beamwidth | 110° x 360° (El° x Az°) |
| Termination | N-Female |
| Height | 13 3/8 in (34.28 cm) |
| Diameter | 1.31 in (3.30 cm) |
| Weight | 0.65 lbs (0.29 kg) |
| Rated Wind Velocity | 125 mph (210 kph) |
| Rated Wind Velocity w/0.5" radial ice | 85 mph (137 kph) |
| Wind Resistance | 0.1217 sq. ft. |

Lightning Arrestor
LABH350NN
(Sold Separately)

Optional FM2SP
Mounting Kit
(Sold Separately)

## ANTENNA RADIATION PATTERN




Elevation Pattern (Y, Z or H-plane)

Normalized to 0dBd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