

global solutions :  
local support™

### Gold Series Directional Yagi antennas provide industry leading design features with long term optimal performance

Laird Technologies' premium series Directional Yagi antennas are fully gold anodized for corrosion resistance. All UHF and above frequency antennas feature internal matching to assure broad bandwidth and resistance to severe weather conditions. There is no gamma match to ice up, corrode or detune. Our engineering staff has also optimized the product family for forward gain by computer analysis and then field-tested each for conformance.

#### Features and Benefits:

- All UHF and higher frequency antennas feature 360-degree welds around each element and an end-of-boom N connector feed with an internal transmission line feeding the driven element.
- Every Yagi is tuned on a network analyzer for best power match and lowest VSWR.
- All Yagi antennas ship complete with a high quality cast aluminum mounting kit that includes stainless steel hardware and allows vertical or horizontal orientation during installation. (VHF models require light assembly)

#### Applications

- Point to point directional and multiple point to omnidirectional outdoor antennas applications used by private organizations and government agencies around the globe.
- Typical applications include transportation such as railroad switching, remote locations reporting examples that include oil fields and weather conditions and meter data transmissions for utilities.

For sales information:

In the USA please telephone +1-800-323-3757

In Asia please telephone +886-2-2286-2828

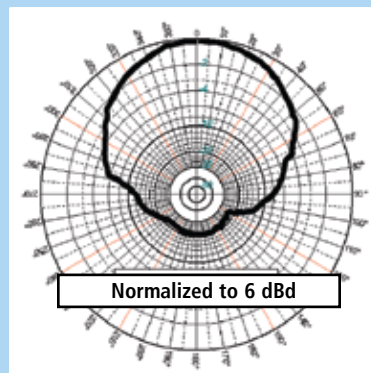
In Europe please telephone +46-8-555-722-00

or visit: [www.lairdtech.com](http://www.lairdtech.com)

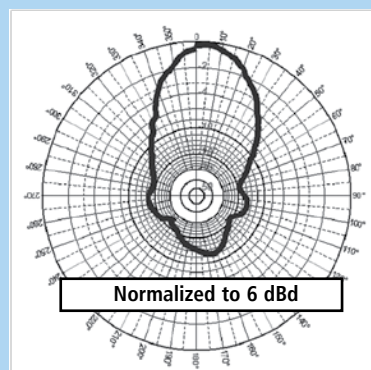
### SPECIFICATIONS:

Electrical	
Frequency Range:	806-896 MHz
Gain:	6 dBd
Front – Back ratio:	15 dB
Maximum Power:	500 watts
Input Impedance:	50 ohms

Mechanical	
Elements:	3
Element Material:	3/8" Diameter solid 6061-T6 aluminum rod
Boom Element:	Heat treated 6061-T6 aluminum tube
Assembly:	Fully Welded
Length:	16 3/4 inches
Shipping:	All models are UPS shippable
Mounting:	Up to 2 inch mast
Hardware:	Stainless steel
Termination Type:	N female at the end of the boom
Lightning Protection:	DC grounded
Rated Wind Velocity:	100 MPH



Vertical-to-Vertical Polarization  
Azimuthal Pattern (Y, Z, or E-plane)



Horizontal-to-Horizontal Polarization  
Azimuthal Pattern (Y, Z, or H-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.