



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!



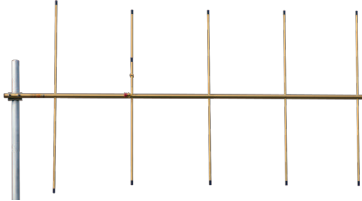
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





### GOLD ANODIZED YAGI ANTENNAS SURE LONG-TERM PERFORMANCE

Laird's premium series Directional Yagi antennas are fully gold anodized for corrosion resistance. Our engineering staff has also optimized the product family for forward gain by computer analysis and then field-tested each for conformance.

### FEATURES

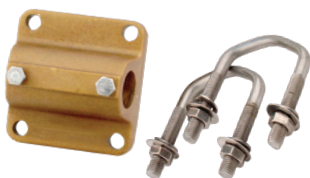
- Every Yagi is tuned on a network analyzer for best power match and lowest VSWR.
- All Yagi antennas ship complete with a high quality cast aluminum mounting kit that includes stainless steel hardware and allows vertical or horizontal orientation during installation. (VHF models require light assembly)
- Available in gold or black (B) anodized finish

### 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.

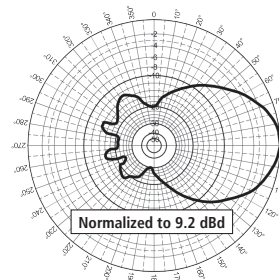
| MECHANICAL SPECIFICATIONS |  |
|---------------------------|--|
| Material                  | Aluminum                                       |
| Length                    | 72"  |
| Height                    | 39.5"  |
| Boom Diameter             | 1.25"  |
| Weight                    | 6 lbs  |
| Rated Wind Velocity       | 150mph (241kph)                                |
| Equivalent Flat Area      | 0.9102 sq. ft.                                 |
| Cable                     | None   |
| Termination               | N-Female connector                             |
| Color                     | Gold or Black Anodized                         |
| Lightning Protection      | Lightning Arrestor LABH350NN (Sold Separately) |

| ELECTRICAL SPECIFICATIONS                          |                         |
|--|-------------------------|
| Frequency Range                                    | 150 – 174 MHz (Tunable) |
| VSWR   | < 2:1                   |
| Return Loss  | -10dB max               |
| Nominal Gain                                       | 9.2 dBd                 |
| Front to Back Ratio                                | 20 dB                   |
| Maximum Power                                      | 300 W                   |
| Nominal Impedance                                  | Ω50                     |
| Polarization                                       | Vertical or Horizontal  |
| Pattern  | Directional             |
| Horizontal Beamwidth (For Horizontal Polarization) | 60°                     |
| Vertical Beamwidth (For Vertical Polarization)     | 54°                     |
| Tuning   | See cut chart           |
| Transmitting/Receiving                             | Both                    |

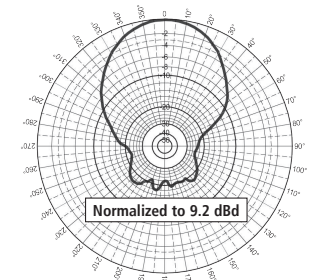


**Heavy-Duty Mounting Kit Included**

|          |  |
|----------|--|
| Mounting | Heavy duty gold cast (Kit included as shown) |
|----------|--|



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



**Horizontal-to-Horizontal Polarization Azimuthal Pattern (Y, Z, or H-plane)**

Americas: +1.847 839.6907  
IAS-AmericasEastSales@lairdtech.com

Europe: +44.1628.858941  
IAS-EUSales@lairdtech.com

Asia: +86.21.5855.0827.127  
IAS-AsiaSales@lairdtech.com

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

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