

Innovative **Technology**  
for a **Connected** World



### SILVER SERIES DIRECTIONAL YAGI ANTENNAS COMBINE OPTIMIZED DESIGN FEATURES WITH GREAT VALUE

Laird Technologies' Silver Series Yagi antennas represent great value while featuring the same great optimized design and plated brass connector found on premium gold series models. Each Yagi is factory tuned on a network analyzer for best power match and lowest VSWR, offering the best possible performance every time. All antennas ship complete with a mounting kit that includes stainless steel hardware.

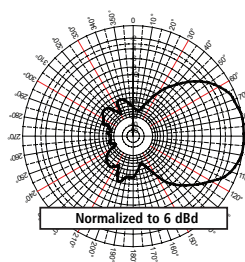
#### FEATURES AND BENEFITS:

- All 450 MHz and higher frequency models are delivered fully assembled.
- All radial elements are secured to the boom with stainless steel hardware to prevent corrosion.
- Every Yagi is tuned on a network analyzer for best power match and lowest VSWR.
- All antennas ship complete with a mounting kit that includes stainless steel hardware.

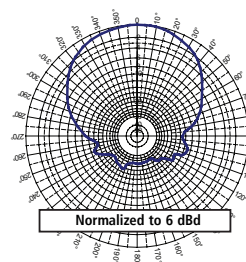
#### APPLICATIONS:

- Point-to-point and multi-point / omnidirectional outdoor antenna 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, weather conditions and, meter data transmissions for utilities.

| Electrical   |               | Mechanical           |  |
|--|---------------|----------------------|--|
| Frequency Range                                    | 809 – 896 MHz | Material             | Aluminum                                       |
| VSWR   | < 2:1         | Length               | 16-3/4"  |
| Return Loss  | -10 dB max    | Height               | 7-1/4"   |
| Nominal Gain                                       | 6 dBd         | Boom Diameter        | 7/8"   |
| Front to Back Ratio                                | 15 dBd        | Weight               | 1.75 lbs                                       |
| Maximum Power                                      | 300 W         | Rated Wind Velocity  | 150 mph (241 kph)                              |
| Nominal Impedance                                  | 50 Ω          | Temperature Rating   | -58°F to 185°F                                 |
| Polarization                                       | Vertical      | Equivalent Flat Area | 0.1516 sq. ft.                                 |
| Pattern  | Directional   | Cable                | None   |
| Horizontal Beamwidth (For Horizontal Polarization) | 89°           | Termination          | N-Female connector                             |
| Vertical Beamwidth (For Vertical Polarization)     | 65°           | Color                | Brite dipped Aluminum                          |
| Tuning   | Fixed Tune    | Lightning Protection | Lightning Arrestor LABH350NN (Sold Separately) |
| Transmitting/Receiving                             | Both          | Mounting Included    | Yagi mounting kit for 7/8" boom                |



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



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

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