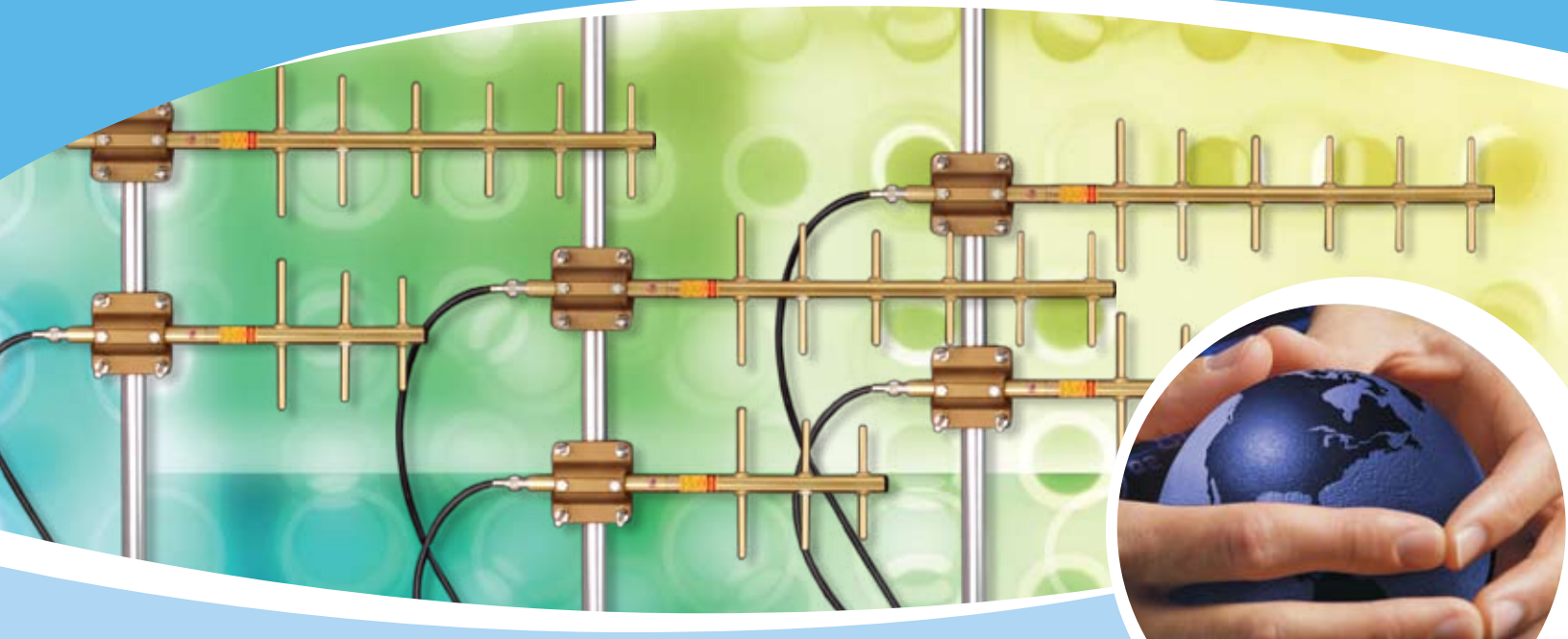
Y(B)8063
Directional Yagi Antennas



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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**

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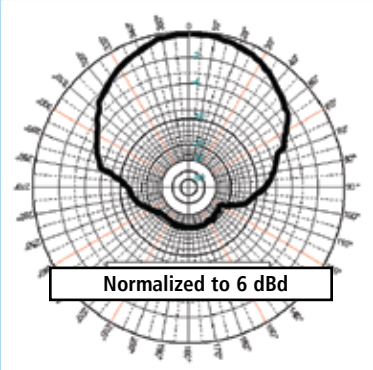
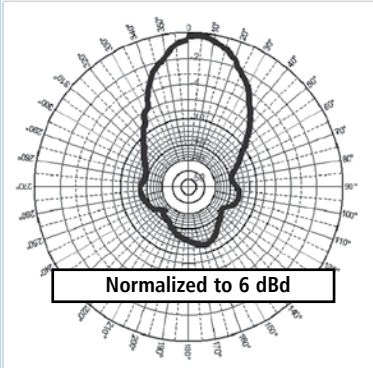
SPECIFICATIONS:

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)

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