

global solutions :
local support™

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. This is your assurance of the best possible performance every time. All antennas ship complete with a mounting kit that includes stainless steel hardware.

Features and Benefits:

- All UHF and higher frequency models deliver 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 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

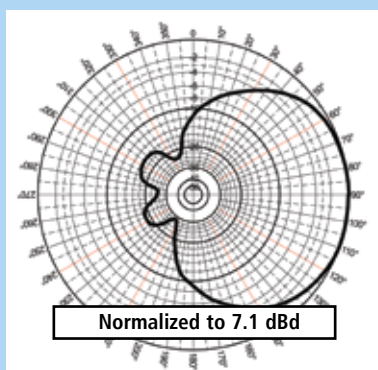
In Asia please telephone +886-2-2286-2828

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

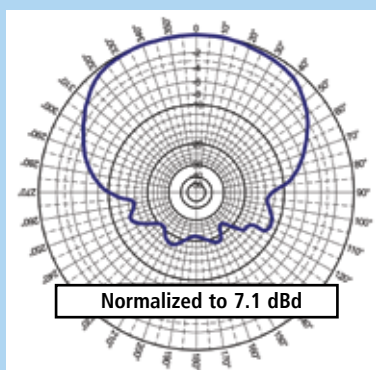
or visit: www.lairdtech.com

SPECIFICATIONS:

Electrical		Mechanical	
Frequency Range:	450 – 470 MHz	Material:	Aluminum
VSWR:	<2:1	Length:	20-3/16"
Return Loss:	-10dB max	Height:	13-1/2"
Nominal Gain:	7.1 dBd	Boom Diameter:	7/8"
Front to Back Ratio:	17 dB	Weight:	1.15 lbs
Maximum Power:	300 W	Rated Wind Velocity:	150mph (241kph)
Nominal Impedance:	50 Ω	Rated Wind Velocity (with 0.5" radial ice)	80mph (130kph)
Polarization:	Vertical or Horizontal	Equivalent Flat Area:	0.2177 sq. ft.
Pattern:	Directional	Cable:	None
Horizontal Beamwidth: (For Horizontal Polarization)	115°	Termination:	N-Female connector
Vertical Beamwidth: (For Vertical Polarization)	114°	Color:	Silver Only for YS series
Tuning:	NA	Lightning Protection:	Lightning Arrestor LABH350NN (Sold Separately)
Transmitting/Receiving:	Both	Mounting Information:	Yagi mounting kit included 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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