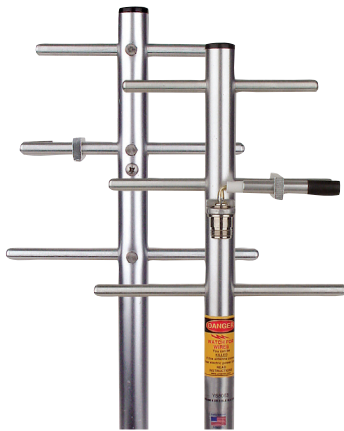




Smart Technology. Delivered.

# DIRECTIONAL YAGI ANTENNAS

## Y(S)8063



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

Laird's 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.

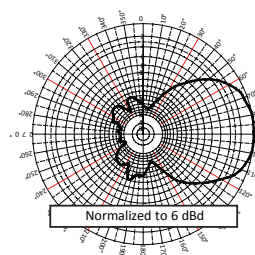
#### FEATURES AND BENEFITS:

- 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.

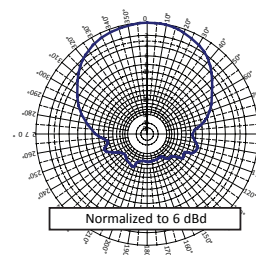
#### APPLICATIONS:

- 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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