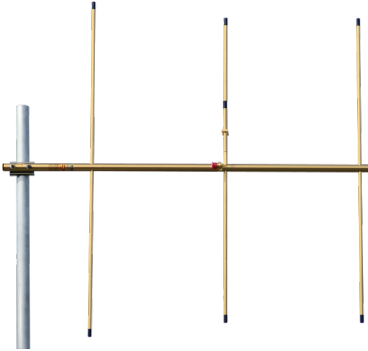




Smart Technology. Delivered.

Y(B)1503

Directional Yagi Antenna



GOLD ANODIZED YAGI ANTENNA INSURES 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

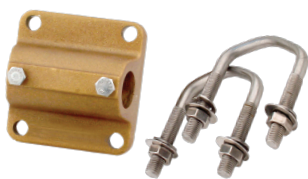
- Point to point directional and multiple point to omnidirectional outdoor antennas applications used by private organizations and government agencies around the globe.
- Typical applications include transportation such as railroad switching, remote locations reporting examples that include oil fields and weather conditions and meter data transmissions for utilities.

MECHANICAL SPECIFICATIONS

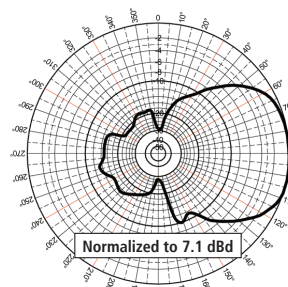
Material	Aluminum
Length	41-1/2"
Height	39-1/4"
Boom Diameter	7/8"
Weight	4 lbs
Rated Wind Velocity	150 mph (241 kph)
Rated Wind Velocity (with 0.5" radial ice)	80 mph (130 kph)
Equivalent Flat Area	0.504 sq. ft.
Cable	None
Termination	N-Female connector
Color	Gold or Black Anodized
Lightning Protection	Lightning Arrestor LABH350NN (Sold Separately)
Mounting Included	Heavy duty cast aluminum bracket accomodates up to 7/8" mast

ELECTRICAL SPECIFICATIONS

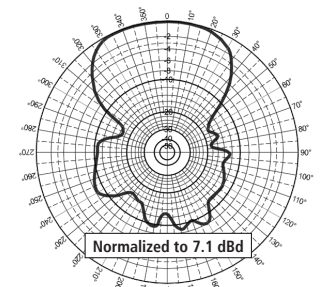
Frequency Range	150 – 174 MHz
Frequency Bandwidth	3 MHz typical
VSWR	< 2:1
Return Loss	-10dB max
Nominal Gain	7.1 dBd
Front to Back Ratio	17 dB
Maximum Power	300 W
Nominal Impedance	Ω 50
Polarization	Vertical or Horizontal
Pattern	Directional
Horizontal Beamwidth (For Horizontal Polarization)	78°
Vertical Beamwidth (For Vertical Polarization)	74°
Tuning	See cutting chart
Transmitting/Receiving	Both



Heavy-Duty Mounting Kit Included



**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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Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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