

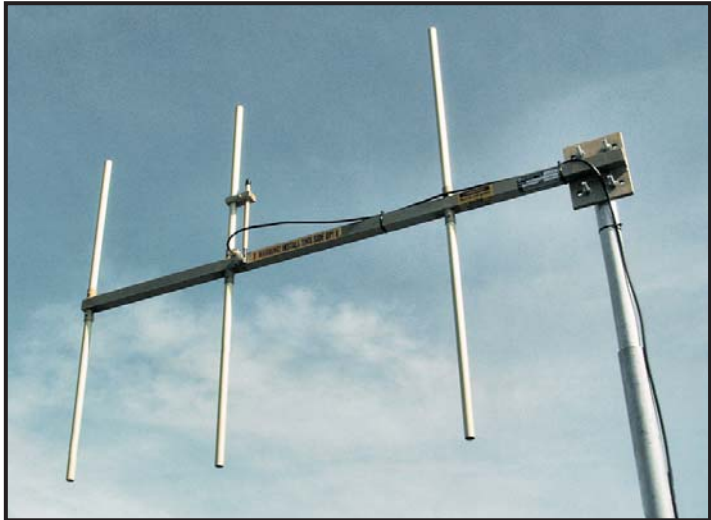
MODEL 7105-04

High Gain Directional Antenna

- Heavy-Duty Construction
- 7.0dB Gain
- Stackable for Additional Gain
- Components Gold Iridited for Maximum Life



PHONE: (800) 275-2080 HIGH SIERRA ELECTRONICS FAX: (530) 273-2089



DESCRIPTION:

The Model 7105-04 High Gain Directional Antenna is a heavy duty point-to-point Yagi antenna commonly used in data transmission and control station applications. It features a frequency range of 166 - 174MHz, a pre-set Reddi match feed system, and can be quickly and easily assembled at the installation site. Precisely machined boom-to-element blocks prevent corrosion and noise buildup.

The Model 7105-04 is designed to be rear mounted and can be stacked for additional gain by using a coaxial stacking kit. It comes pre-tuned and includes all stainless steel hardware for optimum performance and mechanical integrity. Designed for mounting on up tp 4 inch O.D. masts.

SPECIFICATIONS:

Power	500 Watts Maximum
Gain	7dBd
Front to Back Ratio	15dB Minium, 20dB Typical
Frequency Range	166 - 174 MHz
Bandwidth	4.5 MHz
VSWR	Less than 1.5 :1
Impedance	50 ohms Nominal
Vertical Beamwidth	60°
Horizontal Beamwidth	87°
Termination	N Female Connector
Feed method	Weatherproof Molded Gamma Match
Wind Rating	189 MPH
Weight	9 Pounds
Shipping Weight	12 Pounds

ORDERING GUIDE:

Model 7105-04	7dB VHF High Gain Directional Antenna (specify frequency)
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OPTIONAL:

Model 7200-00	Antenna Lightning Protection
Model 7150-03	Antenna Cable Set using Lightning Protection

02-7105-04(B)

Environmental Monitoring Solutions

WEB SITE: www.highsierraelectronics.com E-MAIL: info@highsierraelectronics.com