HG906YE

Model:



HyperLink Wireless 900 MHz (824-960MHz) 6 dBi Yagi High Performance Antennas for ISM, GSM and Wireless LAN Systems

Applications and Features

Applications:	Point to multipoint applications Non Line of Sight (NLOS) GSM RFID SCADA Wireless Video Links 900MHz Cellular 900MHz ISM Band Wireless LAN systems	
Features:	Superior performance Anodized Aluminum construction All weather operation Heavy-duty Elements 15 inch Low Loss coax lead Can be installed for either vertical or horizontal polarization	×

- 1/8" thick plated steel mounting plate
- RoHS Compliant



Product Description

Superior Performance

The HyperGain® HG906YE High-Performance Yagi Antenna combines high gain with a wide 30° beam-width. It is ideally suited for directional applications in the 900 GHz ISM and GSM bands as well as Non Line of Sight (NLOS) and Point to Multi-Point installations. Typical applications include 900 MHz Wireless LAN, SCADA, Wireless Video Links, 900 MHz Cellular, Non Line of sight (NLOS) applications and point to multi-point systems. External interference of this antenna is minimized due to the excellent front to back ratio. The antenna comes with a 15" Low Loss coax lead terminated with one of these standard connectors (N-Female, N-Male, RP-SMA Plug, SMA Male), others are available. The antenna can be installed for either vertical or horizontal polarization applications.

Rugged and Weatherproof

This antenna features a heavy-duty Anodized Aluminum antenna boom and elements. Secure mounting is assured by a 1/8" thick plated steel mounting plate and two plated steel U-bolts.



Specifications

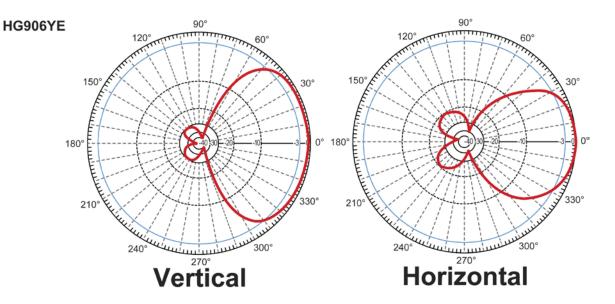
HG906YE

Model	HG906YE	
Frequency	824-960 MHz	
Gain	6 dBi	
Polarization	Horizontal or Vertical	
Horizontal Beam Width	100° (Typical)	
Vertical Beam Width	60° (Typical)	
Front to Back Ratio	14 dB	
Impedance	50 Ohm	
Max. Input Power	100 Watts	
VSWR	< 1.5:1 avg.	
Weight	1.56 lbs. (0.71 kg)	
Length	14.2 in. (0.36 m)	
Mounting	2 in. (51 mm) diameter mast max.	
Operating Temperature	-40° C to 85° C (-40° F to 185° F)	
Lightning Protection	DC Short	
Connector	N-Female, N-Male, RP-SMA Plug, or SMA Male	
Wind Survival	135 MPH	
RoHS Compliant	Yes	

Wind Loading Data

Wind Speed (MPH)	Loading
100	5.6 lb.
120	8.8 lb.
100 w/1/2" Radial Ice	8 lb.

RF Antenna Gain Patterns



L-com, Inc. 50 High St., West Mill, 3rd Floor, Suite #30 North Andover, MA 01845 www.L-com.com E-mail: sales@L-com.com Phone: 1-800-343-1455 Fax: 1-978-689-9484 © L-com, Inc. All Rights Reserved. L-com Global Connectivity and the L-com logo are registered marks.