

HyperLink Wireless 900 MHz 14 dBi High Performance Yagi Antenna for ISM, GSM and Wireless LAN Systems

Model: HG914Y

Applications and Features

- Applications:**
- 900MHz ISM Band
 - Wireless LAN systems
 - Point to multipoint applications
 - Non Line of Sight (NLOS)
 - GSM
 - RFID
 - SCADA
 - Wireless Video Links
 - 900MHz Cellular
- Features:**
- Superior performance
 - 30° beam-width
 - Heavy-duty 3/4" aluminum boom
 - Solid 3/8" aluminum elements
 - Solid 1/4" aluminum mounting plate
 - 12 inch coax lead
 - Includes mount kit



Product Description

Superior Performance

The HyperGain® HG914Y 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 and 900 MHz Cellular.

Rugged and Weatherproof

This antenna features a heavy-duty 3/4" aluminum boom and solid 3/8" aluminum elements. Secure mounting is assured by a solid 1/4" aluminum mounting plate and two stainless steel V-bolts.

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Specifications

Electrical Specifications

Frequency	900 - 928 MHz
Gain	14 dBi
-3 dB Beam Width	30 degrees
Front to Back Ratio	15 dB
Impedance	50 Ohm
Max. Input Power	50 Watts
VSWR	< 1.5:1 avg.
Lightning Protection	DC Short

Mechanical Specifications

Weight	< 4 lbs. (1.8 Kg)
Length	43 in.(109 cm)
Material	Extruded Aluminum
Finish Material	White UV Polymer
Mounting	2 3/8" dia. mast max.
Polarization	Vertical or Horizontal
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
Wind Survival	>150 MPH

RF Antenna Gain Patterns

