



900 MHz 8 dBi High Performance Yagi Antenna for ISM, GSM and Wireless LAN Systems

Model: HG908Y

Applications and Features

Applications:

- 900MHz ISM Band
- Wireless LAN systems
- Multipoint and short-haul directional applications
- Non Line of Sight (NLOS)
- GSM
- RFID
- SCADA
- Wireless Video Links
- 900MHz Cellular

Features:

- Superior performance
- Compact size
- 1" aluminum boom
- 3/8" aluminum elements
- 12 inch coax lead
- Can be installed for either vertical or horizontal polarization
- Includes mount kit



Product Description

Superior Performance

The HyperGain® HG908Y 8 dBi Mini-Yagi antenna combines compact size and wide coverage. It is ideally suited for multipoint and short-haul directional applications in the 900MHz ISM and GSM bands. Typical applications include 900 MHz Wireless LAN, SCADA, Wireless Video Links and 900MHz Cellular.

Rugged and Weatherproof

This antenna features a compact yet heavy-duty 1" aluminum boom and solid 3/8" aluminum elements. The antenna can be mounted either vertically or horizontally using the included stainless steel V-bolt.


Specifications
Electrical Specifications

Frequency	900 - 928 MHz
Gain	8 dBi
Horizontal Beam Width	90 degrees
Vertical Beam Width	70 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	< 2 lbs. (0.9 Kg)
Length	15 in. (38 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
