HyperLink Wireless 900 MHz Professional 8 dBi High Performance Omni Antenna for ISM, GSM and Wireless LAN Systems

Model: HG908U-PRO

Applications and Features

Applications:

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

Features:

- Superior performance
- Rugged industrial grade design
- Lightweight fiberglass radome
- All weather operation
- Integral N-Female connector
- Includes heavy-duty steel mast mounting brackets



Description

The HyperGain® HG908U-PRO is a high performance omnidirectional antenna designed for the 900 MHz ISM band. It is ideally suited for multipoint, Non Line of Sight (NLOS) and mobile applications where high gain and wide coverage is desired. Typical applications include 900MHz Wireless LAN, SCADA, Wireless Video Links and 900MHz Cellular band applications.

This antenna features an integral N-Female type connector that mounts through the wall of an equipment enclosure. Included with the HG908U-PRO is a dual u-bolt mast mounting kit. Consisting of a heavy-duty steel bracket and a pair of U-bolts, this kit allows installation on masts up to 2.0" in diameter.

This omni antenna's construction features a rugged 1.58" diameter white fiberglass radome for durability, aesthetics and long service life. It is designed for all weather operation.

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Specifications

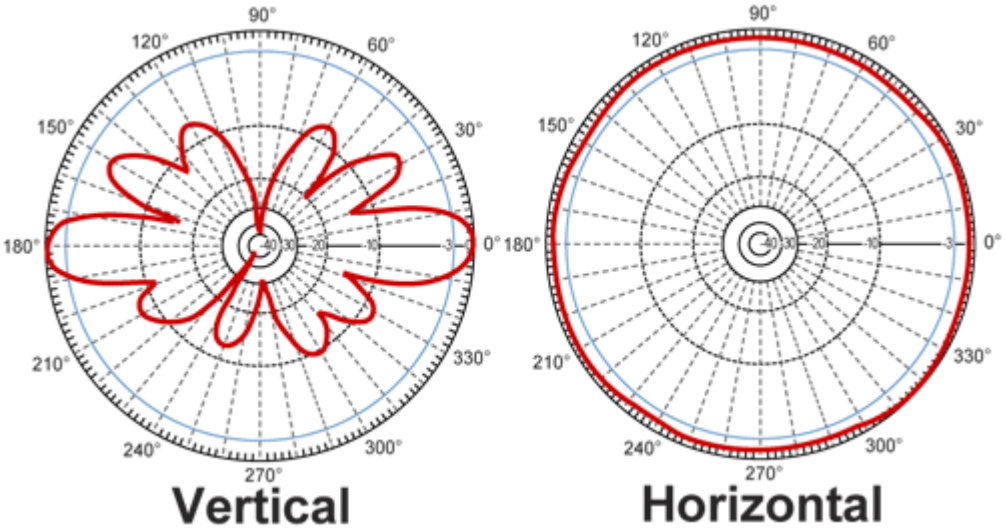
Electrical Specifications

Frequency	900 - 928 MHz
Gain	8 dBi
Vertical Beam Width	12 degrees
Impedance	50 Ohm
Max. Input Power	100 Watts
VSWR	< 1.5
Lightning Protection	DC Short

Mechanical Specifications

Connector	Integral N-Female
Weight	3.75 lbs. (1.7 Kg) including Bracket
Length	63 in. (1.6 m)
Radome Diameter	1.5 in. (38 mm)
Radome Material	Gray Fiberglass
Mounting	1¼" to 2" dia. mast max. (31.7mm to 50.8mm dia.)
Polarization	Vertical
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
RoHS Compliant	Yes

RF Antenna Gain Patterns



This product is backed by L-Com's Limited Warranty.

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