

HyperLink Wireless 900 MHz 8 dBi Professional High Performance Omni Antenna Model: HG908U-PRO

Applications

- 900 MHz ISM band
- 900 MHz wireless video
- Point to multi-point and Non Line Of Sight (NLOS) applications
- GSM, SCADA applications
- 900 MHz cellular band

Features

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



Description

The HyperLink HG908U-PRO is a high performance omni-directional 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 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.



Specifications

Electrical Specifications

| | |
|-----------------------|---------------|
| Frequency | 900 – 928 MHz |
| Gain | 8 dBi |
| Impedance | 50 Ohm |
| Horizontal Beam Width | 360° |
| Vertical Beam Width | 12° |
| Polarization | Vertical |
| VSWR | < 1.5 |
| Max. Input Power | 100 Watt |
| Lightning Protection | DC Ground |

Mechanical Specifications

| | |
|----------------------------|------------------------------------|
| Connector | N-Female |
| Weight (Including Bracket) | 3.75 lbs. (1.7 kg) |
| Length | 63 in. (1.6m) |
| Radome Diameter | 1.5 in. (38mm) |
| Mast Mounting Dia. | 1.2 to 2 in. (31.7 to 50.8 mm) |
| Operating Temperature | -40° C to 60° C (-40° F to 140° F) |
| Max. Wind Velocity | 210km/h (130mph) |
| RoHS Compliant | Yes |

RF Antenna Patterns

