

HyperLink Wireless 3.5 GHz 11 dBi Professional Omnidirectional Antenna for 802.16e, WiMAX and Wireless LAN Systems

Model: HG3511U-PRO

Applications and Features

- Applications:**
- 3.5 GHz Band Applications
 - Wireless LAN systems
 - IEEE 802.16e Applications
 - WiMAX
 - Mobile WiMAX
 - SOFDMA
 - Multipoint Applications

- Features:**
- Superior performance
 - Heavy duty industrial grade design
 - All weather operation
 - DC Ground lightning protection
 - Integral N-Female Connector
 - Supplied with mast mounting kit
 - RoHS Compliant



Description

The HyperGain® HG3511U-PRO is a professional high gain omni-directional base station WiFi antenna designed and optimized for the 3.5GHz band. Typical applications include IEEE 802.16e, WiMAX and Mobile WiMAX applications. This antenna is ideally suited for multipoint applications where long range and wide coverage is desired.

The HG3511U-PRO construction features a heavy-duty fiberglass radome for durability and aesthetics. Designed to operate in the harshest of environments, the HG3511U-PRO far exceeds other omni-directional antennas. The included mounting system features heavy-duty stainless steel mast clamps, allowing installation on masts from 1.4 inches (35 mm) up to 2.0 inches (50 mm) diameter. This antenna features an integral N-Female connector.

Specifications

Electrical Specifications

Frequency	3400-3700 MHz
Gain	11 dBi
Polarization	Vertical
Downtilt	0°
Vertical Beam Width	9°
Horizontal Beam Width	360°
Impedance	50 Ohm
Max. Input Power	150 Watts
VSWR	< 1.6:1 avg.
Lightning Protection	DC Ground

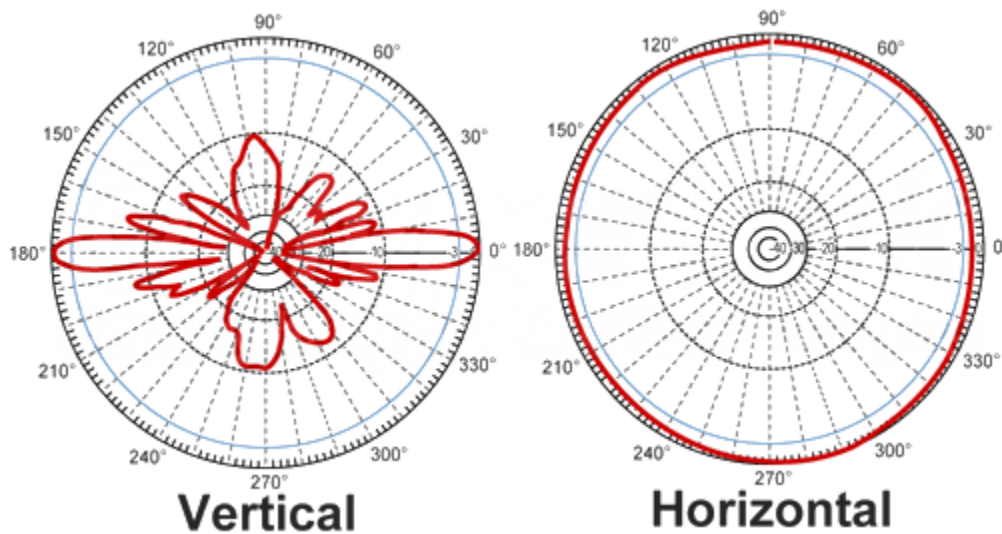
Mechanical Specifications

Weight	1.5 lbs (0.7kg)
Length	24.4 in. (0.6m)
Base Diameter	2.28 in. (57.9mm)
Radome Diameter	2.04 in. (51.8mm)
Radome Material	Fiberglass
Mounting	1.4 in. (35 mm) to 2.0 in. (50 mm) dia mast
Rated Wind Velocity	137 MPH/S (220Km/S)
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
Connector	Integral N-Female
RoHS Compliant	Yes

Wind Loading Data

Wind Speed (MPH)	Loading
100	6 lb.
125	10 lb.

RF Antenna Patterns



Guaranteed Quality

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