HyperLink Wireless 2.4 GHz 9 dBi Radome Enclosed Wireless LAN Yagi Antenna

Model: HG2409Y

Applications and Features

Applications:

- 2.4 GHz ISM Band
- IEEE 802.11b and 802.11g Wireless LAN
- Directional and multipoint applications
- Bluetooth®
- Public Wireless Hotspot
- WiFi

Features:

- Superior performance
- Light weight
- All weather operation
- UV-stable, UL flame rated radome
- 60° beam-width
- DC Short lightning protection
- Can be installed for either vertical or horizontal polarization
- Includes tilt and swivel mast mount
- Optional wall/ceiling mount available

Description

Superior Performance

The HyperGain® HG2409Y Radome Enclosed Yagi WiFi Antenna features high gain and a 60° beam-width. It is ideally suited for directional and multipoint IEEE 802.11b and 802.11g wireless LANs, Bluetooth®, public wireless hotspot applications and other systems operating in the 2.4GHz ISM band. The unique design of this antenna allows it to be installed for either vertical or horizontal polarization.

Rugged and Weatherproof

This WiFi antenna is enclosed within a UV-stable, UL flame rated radome for all-weather operation. The HG2409Y antenna is supplied with a 60 degree tilt and swivel mast mount kit.
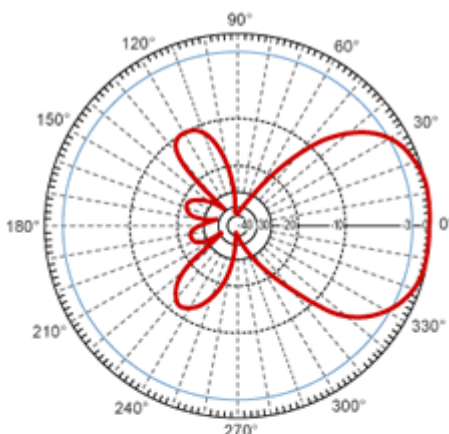
Specifications

Electrical Specifications

Frequency	2400-2500 MHz
Gain	9 dBi
-3 dB Beam Width	60 degrees
Impedance	50 Ohm
Max. Input Power	50 Watts
VSWR	< 1.5:1 avg.
Lightning Protection	DC Short

Mechanical Specifications

Weight	.46 lbs. (.21 kg)
Dimensions Length x Diameter	6 x 3 (inches) 152 x 76 (mm)
Radome Material	UV-inhibited Polymer
Flame Rating	UL 94HB
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
Mounting	1-1/4" (32 mm) to 2" (51 mm) dia. masts
Polarization	Vertical and Horizontal
Wind Survival	>150 MPH

Antenna Gain Patterns

Vertical
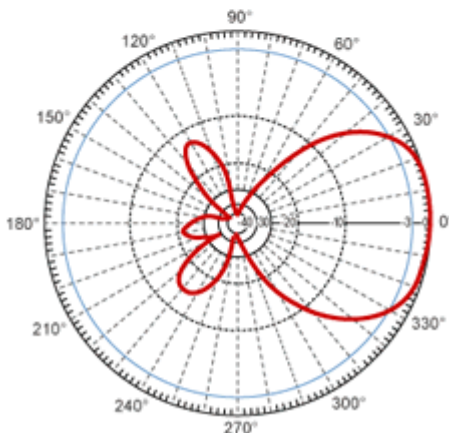
Horizontal

Mounting Options

Description	Part Number
Ceiling/Wall Universal Antenna Mount can be used with HyperLink's 4.5" sq and 8.5" sq. patch antennas as well as N-Type bulkhead and TNC/BNC bulkhead omni directional antennas. Includes ceiling/wall mounting hardware.	**HGX-UMOUNT02**