

HyperLink Wireless Brand HyperGain® 2.4 GHz 8.5 dBi "Range Doubler" Omni-directional Wireless LAN Antenna

Model: RE09U

Applications and Features

Applications:

- 2.4 GHz ISM Band
- 2.36 GHz CDMA Band
- IEEE 802.11b and 802.11g Wireless LAN
- Bluetooth®
- Public Wireless Hotspot
- WiFi
- Multipoint and Mobile Applications

Features:

- Superior performance
- Double the range of "rubber duck" antennas
- Compact, lightweight design
- Durable UV-stable fiberglass radome
- Vented end cap and drain holes in base
- All weather operation
- Magnetic base with 4 ft. coax lead
- Standard and custom connectors available
- Can be installed in up or down positions
- Optional antenna mounts available



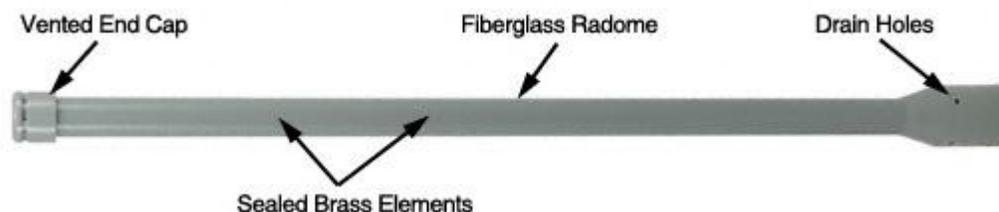
Description

Omni-directional "Range-Doubler"

This WiFi antenna is ideally suited for applications where 360 degree coverage is desired. This antenna features a weighted magnetic base suitable for use on a tabletop or shelf. It can be used both indoors and outdoors to achieve up to double the range of "rubber duck" and PC card internal antennas. It is ideally suited for IEEE 802.11b and 802.11g wireless LANs, Bluetooth®, public wireless hotspot applications and other systems operating in the 2.4 GHz ISM band and 2.36 GHz CDMA band.

This antenna features a magnetic base with attached 4 foot cable terminated with the appropriate radio connector, eliminating the need for a separate radio pigtail adapter.

Constructed for all weather operation, the RE09U features sealed collinear brass elements inside a durable UV-stable machine gray fiberglass radome. A vented end cap and drain holes in the base help prevent moisture build-up inside the antenna. These features allow the RE09U to be mounted in up or down positions.



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Antenna Specifications

Electrical Specifications

Frequency	2360-2500 MHz
Gain	8.5 dBi
Impedance	50 Ohm
VSWR	< 2.0:1 avg.
Maximum Input Power	100 W

Mechanical Specifications

Polarization	Vertical
Vertical Beam Width	15°
Horizontal Beam Width	360°
Weight	1.5 lbs. (.68 kg)
Length	21 in. (533 mm)
Radome Material	Gray Fiberglass
Wind Survival	>150 MPH
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
Mounting	Magnetic Base
Antenna Connector	Integral N-Male

RF Antenna Gain Pattern

