

HyperLink Wireless brand 2.6 GHz MMDS 8.5 dBi Omnidirectional Wireless LAN Antenna

Model: HG2609U

Applications and Features

Applications:

- 2.6 GHz MMDS Band
- IEEE 802.16 and 802.20
- WiMAX Technology
- Non-Direct Line of Sight (NLOS)
- Wireless Internet Service Providers (WISP)
- Wireless LAN systems
- Multipoint and Mobile Applications
- Compatible with Navini™ Ripwave®

Features:

- Superior performance
- Compact, lightweight design
- Durable UV-stable fiberglass radome
- Vented end cap and drain holes in base
- All weather operation
- Integral N-Male connector
- Can be installed in up or down positions
- Optional antenna mounts available



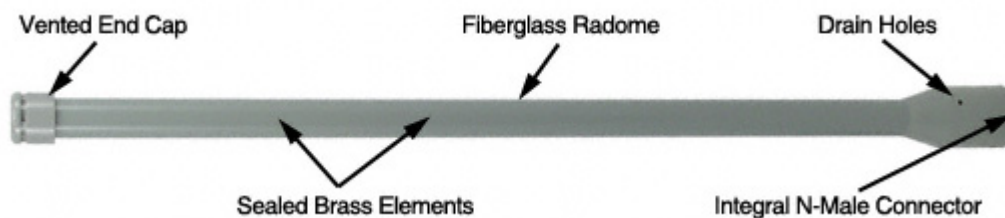
Description

High Performance

The HyperGain® HG2609U is a high performance omnidirectional WiFi antenna designed for the 2.6GHz MMDS band. This compact and lightweight antenna is compatible with IEEE 802.16, 802.20 and WiMAX applications as well as NLOS applications. The HG2609U is ideal for Wireless Internet Service Providers (WISP) offering service in the less crowded 2.6GHz band and is compatible with Navini™ Ripwave®.

All Weather Operation

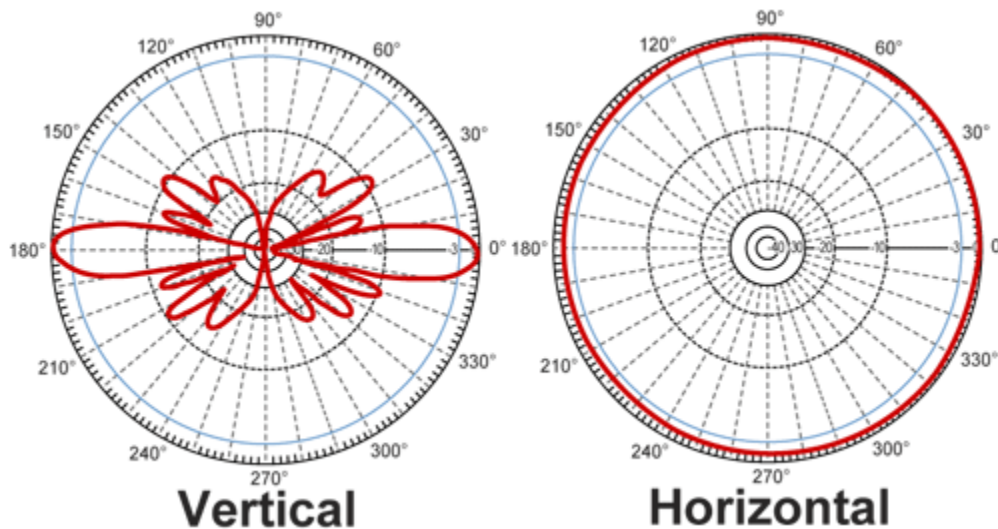
Constructed for all weather operation, the HG2609U features sealed collinear brass elements inside a durable UV-stable machine gray fiberglass radome. A vented end cap and drain holes in the base help prevent moisture build-up inside the antenna. These features allow the HG2609U to be mounted in up or down positions.






Specifications

Frequency	2500-2700 MHz
Gain	8.5 dBi
Impedance	50 Ohm
VSWR	< 2.0:1 avg.
Maximum Input Power	100 W
Polarization	Vertical
Vertical Beam Width	15°
Horizontal Beam Width	360°
Weight	0.5 lbs. (.22 kg)
Length	20 in. (508 mm)
Base Diameter	1.27 in. (3.22 cm)
Radome Diameter	.75 in. (1.90 cm)
Radome Material	Gray Fiberglass
Wind Survival	>150 MPH
Operating Temperature	-40° C to to 85° C (-40° F to 185° F)
Antenna Connector	Integral N-Male

Antenna Gain Pattern



Available Mounts for this RF Antenna

	Black (Domed) Magnetic Mount with N-Female Connector, 2-5/8 Inch Diameter Base (66.8 mm)
	Chrome Magnetic Mount with N-Female Connector, 3 Inch Diameter Base (76.2 mm)
	N-Female to N-Female Bulkhead Bullet Adapter with Right-Angle Mounting Hardware for Wall Mounting