HyperLink Wireless brand 2.4 GHz 2 dBi Hi-Performance Omni-directional Antenna Model: HGV-2402U

Applications

- 2.4 GHz ISM Band
- IEEE 802.11b, 802.11g and 802.11n Wireless LAN
- Public wireless hotspots
- WiFi Access Points
- Multipoint and mobile applications

Features

- High Performance in a compact lightweight design
- Durable UV-Stable fiberglass radome with vented end cap and drain holes in base
- All weather operation
- Integral N-Female connector
- Includes mast mounting kit

RoHS Compliant

Description

High Performance

The HyperLink brand model HGV-2402U is and economical yet high performance Omni-directional Wi-Fi antenna designed for the 2.4GHz ISM band. These compact and lightweight antennas are ideally suited for IEEE 802.11b, 802.11g and 802.11n wireless LANs, Bluetooth, public wireless hotspot application and other multipoint applications where wide coverage is desired.

Versatile and Economical

This antenna features an integral N-Female bulkhead type connector that mounts through the wall of an equipment enclosure. Included with the HGV-2402U is a 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.

All Weather Operation

Constructed for all weather operation, the HGV-2402U 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 HGV-2402U to be mounted in up or down positions.

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Specifications

Electrical Specifications

Frequency	2400-2500 MHz
Gain	2 dBi
Polarization	Vertical
Vertical Beam Width	30°
Horizontal Beam Width	360°
Impedance	50 Ohm
Max. Input Power	100 Watts
VSWR	< 1.5:1 avg.

Mechanical Specifications

Weight	0.13 lbs. (0.06 kg)
Length	3.2 in. (83mm)
Base Diameter	1.27 in. (32.2mm)
Radome Diameter	0.75 in. (19mm)
Wind Survival	> 150 MPH
Operating Temperature	-40°C to 85°C (-40°F to 185°F)
Connector	N-Female (bulkhead type)
RoHS Compliant	Yes

RF Antenna Patterns