

## HyperLink Wireless 410-450 MHz 7.2 dBi High Performance Omni Antenna for UHF Business & Public Safety Band - Model: HG417UDT

### Applications

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- 400MHz Business Band
- Wireless Video System
- Point to Multipoint
- Wireless TETRA System
- SCADA

### Features

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- 8 Degree Electrical Down Tilt
- All Weather Operation
- Fiberglass Sealed
- Includes Heavy-Duty steel mast mounting brackets



### Description

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The HyperGain HG417UDT is a high performance omnidirectional antenna with 8 degree down tilt designed for the 410-450 MHz band. It is ideally suited for multipoint, SCADA, UHF Business Band, General Mobile Radio Service, Family Radio Service 2-way "walkie-talkies" and Public Safety band applications where high gain and wide coverage is desired.

Included with the HG417UDT is a dual u-bolt mast mounting kit. Consisting of a steel bracket and a pair of U-bolts, this kit allows installation on masts 1.5 to 2.0" in diameter.

This omni antenna's construction features a rugged white fiberglass radome for durability, aesthetics and long service life. It is designed for all weather operation.

**Specifications**

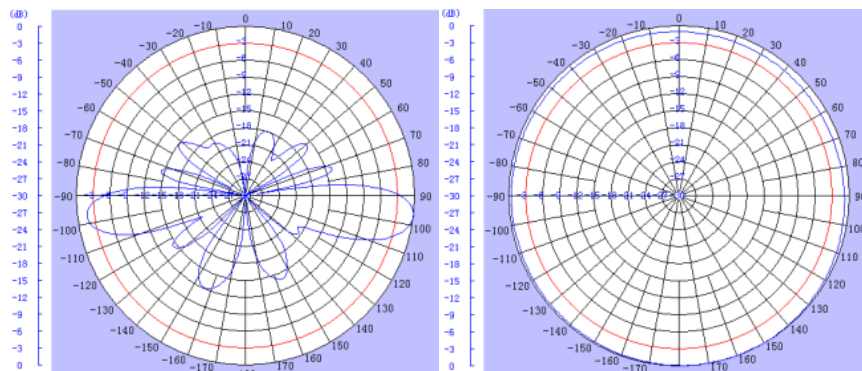
**Mechanical Specifications**

Connector	Integral N Female
Weight	17.63 lbs. (8kg)
Length	9.2 ft (2800mm)
Radome Material	White Fiberglass
Mounting	1.5" To 2.55" dia. Mast max (40mm to 65mm)
Polarization	Vertical
Lightning Protection	DC Ground
Rated Wind Velocity-m/s	60

**Electrical Specifications**

Frequency	410-450MHz
Gain	7.2 dBi
Vertical Beamwidth	18°
Impedance	50 Ohm
Max. Input Power	250 watts
Electrical Down tilt-°	8°
VSWR	< 1.5:1 avg.

**RF Antenna Gain Patterns**



**Vertical**

**Horizontal**

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