

# Ultra-Wide Band Omnidirectional Antenna

617-7200 MHz, N-Female, Mast Mount

ventev®

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Ventev's Ultra-Wideband omnidirectional antenna is 5G-ready and covers 617-7200 MHz. The antenna has N-Female port and is designed for indoor and outdoor wireless networks operating in the 2G, 3G, 4G LTE, 5G FR1, Wi-Fi 6E, and CBRS frequency ranges. This is an ideal antenna for the most demanding mission-critical communications requiring reliable wireless connections. This antenna includes a L bracket for wall, pole/mast mount.

## Available Models

Description	MFG Part #	SKU
N-Female	VI-UE10M-NF	610701

## Electrical Specifications

Operating Frequency Range	617-960 MHz	1695-2700 MHz	3300-4200 MHz	4900-7200 MHz
Polarization	Vertical			
Horizontal Beamwidth	360°			
Vertical Beamwidth	75°	50°	35°	30°
Gain	4.5 dBi	5 dBi	5 dBi	5 dBi
VSWR	≤ 2.0			
Max Input Power per Port	50 W			
Nominal Impedance	50 Ohms			

## Mechanical Specifications

Dimensions	2.8 diameter x 9.1 in. long
RF Connector	N-Female
Radome	White Fiberglass
Application	Outdoor
Mounting Options	Wall, Mast, or Pole (Bracket included to mount on 1-2 in. pole)
Operating Temperature	-40° to 140°F
Ingress Protection	IP65
Rated Wind Survival Speed	134 mph
Weight	1.86 lbs.



## Features & Benefits

- Omnidirectional Antenna covering 617-7200 MHz frequency range, supporting 2G, 3G, 4G LTE, 5G, CBRS and tri-band Wi-Fi (2.4GHz, 5GHz, 6GHz).
- UV-stabilized industrial grade RF transparent cover provides extra durability in outdoor environments.
- Ideal for indoor and outdoor wireless network applications in IoT, Private LTE, Public Safety and many more.
- Antenna includes a mast mount bracket.



All product specifications are subject to change without notice or obligation.

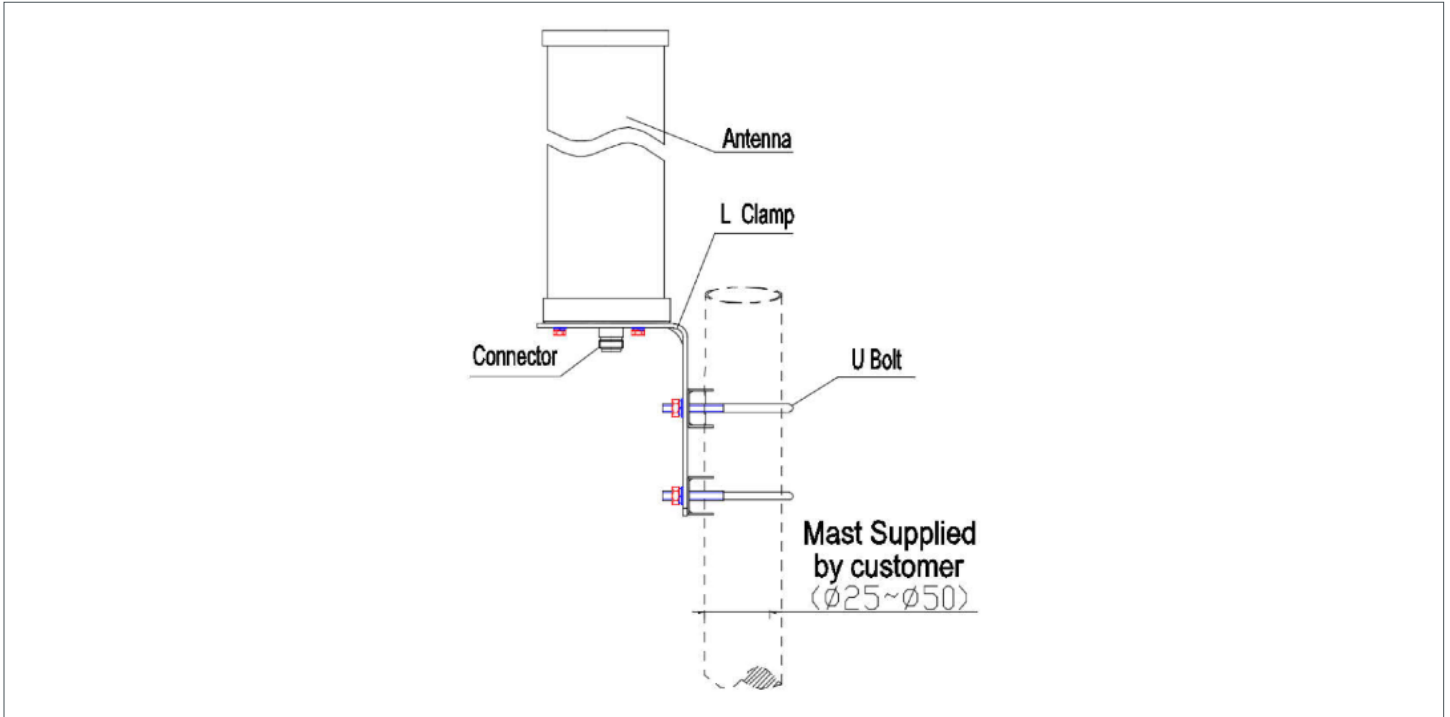
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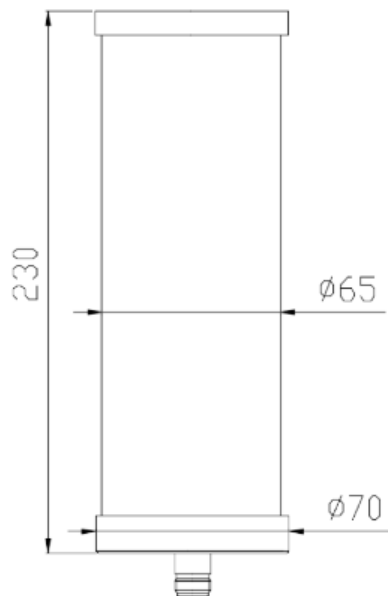
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## Installation



## Dimensions

Shown in millimeters



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