

Ultra-Wideband Omnidirectional Antenna

2x2 MIMO 617-6000 MHz, Mast Mount

ventev®

Connect, Protect, and Enable™

Ventev's Ultra-Wideband omnidirectional antenna is 5G-ready and covers 617-6000 MHz. The antenna has two leads with N-Female connectors and is designed for indoor and outdoor (IP65 and UV-stabilized radome cover) wireless networks operating in the 2G, 3G, 4G LTE, 5G FR1, Wi-Fi, and CBRS frequency ranges. This is ideal for the most demanding mission-critical communications requiring reliable wireless connections. This antenna includes a L bracket for wall, pole/mast mount.



Electrical Specifications

Frequency Bands, MHz	617-960	1710-2700	3300-4200	4900-6000
Polarization	2x Vertical			
Horizontal Beamwidth	360°			
Vertical Beamwidth	85°	70°	55°	28°
Typical Gain, dBi	3	5	5	5
VSWR	≤ 2.5			
Max Input Power per Port	50			
Impedance, Ohm	50			

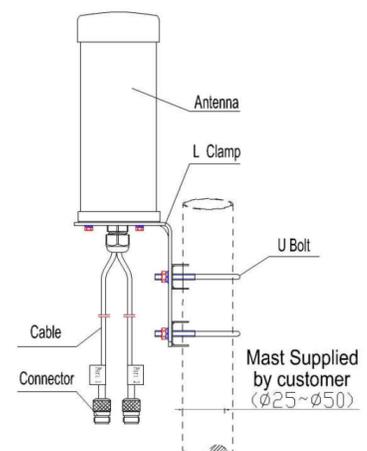
Connector	SKU	MFG Part #
N Female	601170	VI-U20M-NF

Features & Benefits

- Omnidirectional antenna covering 617-6000 MHz frequency range, supporting 2G, 3G, 4G LTE, 5G, CBRS and Wi-Fi
- 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

Mechanical Specifications

Dimensions (D x L)	Ø 3.2 x 7.9 in.
Input Connector	2x N Female, 13 in. leads
Mounting	Mast/wall mountable; Bracket included to mount on 1-2 in. pole
Operating Temperature	-40 to +140 °F
Ingress Protection	IP65
Radome Material/Color	UV stabilized PVC, white color
Wind Rating	134 mph
Weight	1.75 lbs.



Every Ventev antenna is RoHS compliant and covered by company's 2-year warranty program.

Radiation Patterns

