

Ultra-Wideband Yagi Antenna

617-6000 MHz with N-Female Connector

ventev®

Connect, Protect, and Enable™

Ventev's Ultra-Wideband Yagi is a 5G-ready antenna supporting frequency range from 617 to 6000 MHz and ideal for most demanding mission-critical wireless network operating in 2G, 3G, 4G LTE, and 5G FR1. High gain and excellent electrical performance across the frequency range allows reliable long-range communications. Rugged design with UV stabilized radome offers superior environmental protection. The adjustable bracket allows antenna to mount in vertical or horizontal mounting configurations and positioning.

Available Models

Description	MFG Part #	SKU
N Female Connector	VY1-VLHM6-ODNF	607855

Electrical Specifications

Operating Frequency Range	617-960 MHz	1695-2700 MHz	3300-4200 MHz	4900-6000 MHz
Polarization	Vertical/Horizontal			
Gain	8 dBi	10 dBi	10.5 dBi	10.5 dBi
Horizontal Beamwidth	90°	65°	50°	40°
Vertical Beamwidth	60°	55°	40°	35°
VSWR	≤1.8			
Front-to-Back Ratio	≥15 dB	≥20 dB	≥18 dB	≥15 dB
Max Input Power	50 W			
Impedance	50 Ohms			
Lightning Protection	DC Ground			

Mechanical Specifications

Dimensions	20.2 x 8.3 x 2.5 in.
RF Connector	N-Female
Number of Ports	1
Length of Lead	12 in.
Radome	White ABS
Mounting Options	Pole or Mast (1 in. to 2 in.)
Mechanical Tilt	0° to 60° down-tilt using supplied bracket
Operating Temperature	-40° to 140°F
Wind Rating	125 mph
Weight	2.4 lbs.



Features & Benefits

- Ultra-wideband Yagi antenna covering 617-6000 MHz.
- Highly durable and rugged construction with a weatherproof radome.
- Applications in DAS, Utilities, Oil & Gas, Mining, Industrial, Transportation, Irrigation, and many more.
- Includes articulated mounting bracket and hardware.
- Supports both vertical and horizontal polarization.

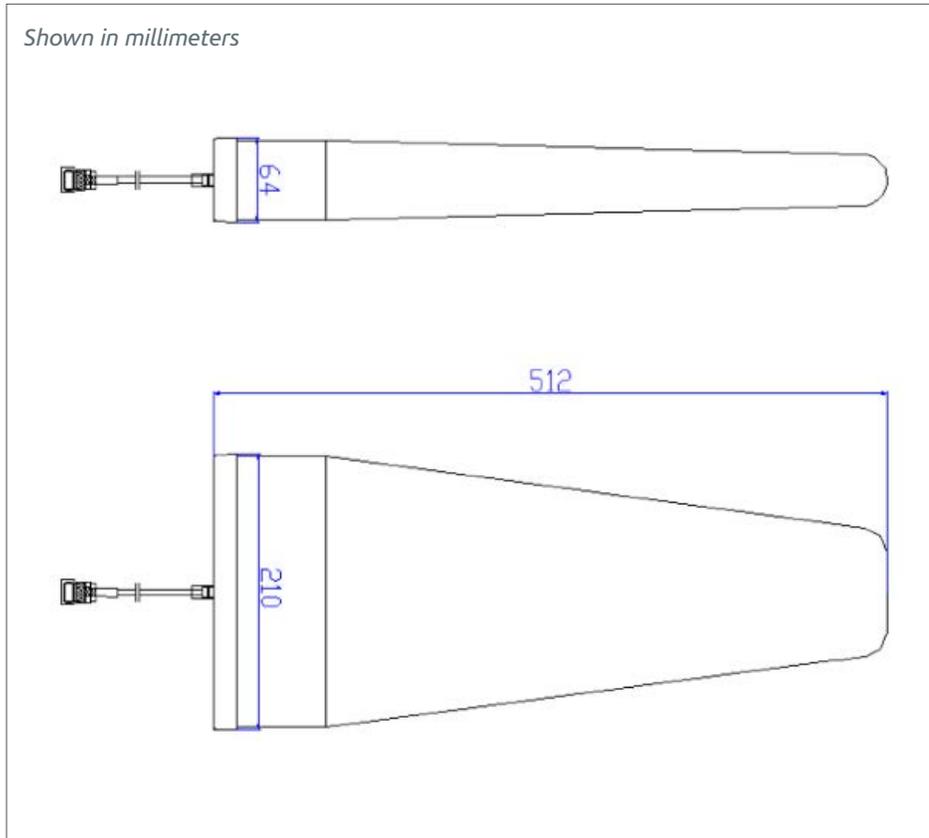


All product specifications are subject to change without notice or obligation.

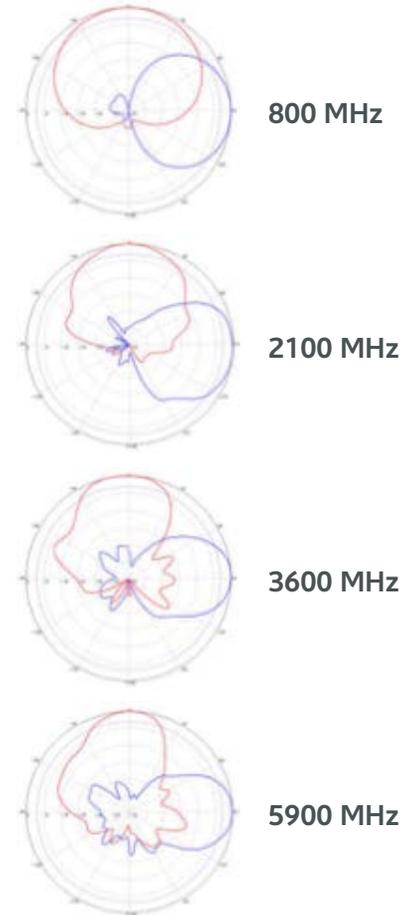
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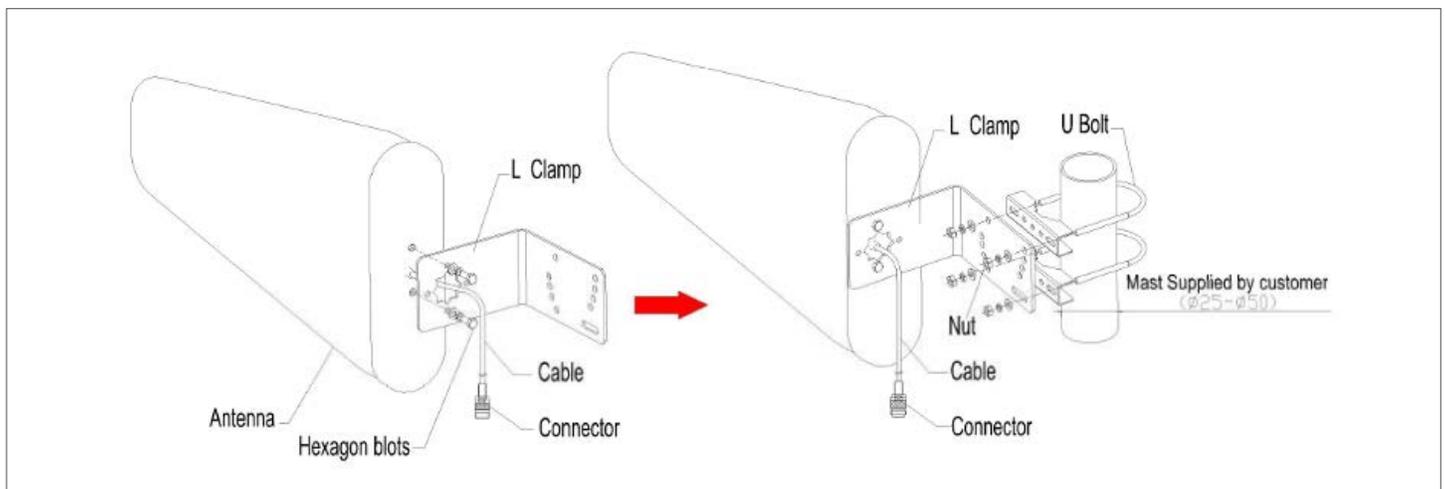
Antenna Dimensions



Radiation Patterns



Bracket Installation



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