

# Multiband 5-in-1 VenDome Antenna

4x 617-7125 MHz, 1x GNSS

ventev®

Connect, Protect, and Enable™

Ventev's multiband 5-in-1 VenDome omnidirectional is ideal for fixed and mobile applications in indoor and outdoor deployments. This antenna has four isolated antenna elements covering ultra-wideband frequency range, 617-6000 MHz, to support 4x4 MIMO/diversity at 4G/5G and a high-performance GNSS/GPS antenna with 26dB gain LNA. In addition, its rugged design offers UV and IP69K ingress protections for harsh environments installations. Compatible with most cellular gateways and routers.

## Electrical Specifications

Cable Leads Number	Cable 1 to 4 (4G/5G Elements)	
Frequency Bands, MHz	617-960/1690-2700/3300-4200/4900-7125	
Gain	617-960 MHz	4 dBi
	1690-2700 MHz	6 dBi
	3300-4200 MHz	7 dBi
	4900-7125 MHz	8 dBi
Polarization	Linear	
Azimuth (HBW)	Omni (360°)	
Isolation	> 10 dBm	
VSWR	≤ 2.0	
Impedance	50 Ohm	

## GNSS/GPS Antenna Specification 1562-1612 MHz – Cable 5

VSWR	< 2.0 ± 4 MHz
Gain	26 dB LNA
Out of Band Rejection	> 40 dB
Typical Noise Figure	-2.7 dB
Operating Voltage	3 – 5 VDC
Typical Current	15 mA



Connector	SKU	MFG Part #
SMA Male	601173	VM-UWG401OD-SM

## Features & Benefits

- Multiband 5-in-1 VenDome omnidirectional antenna with SMA leads
- 4x4 Ultra-wideband (617-7125 MHz) to support MIMO/diversity at 4G/5G; and a GNSS/GPS antenna with 26 dB gain LNA
- Indoor and outdoor rated IP69K design with UV stabilized radome
- Compatible with wide array of cellular and industrial gateways

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

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## Mechanical Specifications

Dimensions (Diameter x Height)	Ø175 x 80 mm. (Ø7.0 x 3.15 in.)
Input Connector / Pigtail	Cellular Cables (leads #1 to 4) SMA Male; 16 ft. pigtail with RG58 GNSS/GPS Cable (lead #5): SMA Male; 16 ft. pigtail with RG174
Radome	UV Stabilized ABS. White
Operating Temperature	-40 °C to +80 °C (-40 °F to +176 °F)
Ingress Protection	IP69K
Mounting	Through 1 in. hole using stainless nut; Silicone O-ring included; Adhesive backed sealing pad on the back to minimize shaking
Application	Indoor or outdoor
Weight	1.3 kg. (2.9 lbs.)

Note: Black color option available with 25 unit MOQ

## Accessories Sold Separately



SKU 274461  
Universal Wall or Pole/  
Mast Mount Bracket



SKU 600876  
Magnetic Mount Heavy  
Duty, 2-Leg



SKU 600881  
Magnetic Mount Heavy  
Duty, 3-Leg

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