

Multiband 4-in-1 VenDome™ Omnidirectional Antenna

4 Port, 617-6000 MHz, SMA Male

ventev®

Connect, Protect, and Enable™

Ventev's Multiband 4-in-1 VenDome™ Omnidirectional Antenna is 4x4 ultra-wideband (617-6000 MHz) to support MIMO/diversity at 4G/5G. This antenna is indoor and outdoor rated IP69K design with a UV stabilized radome. Included with 4 SMA male connectors, the antenna is compatible with most 4G/5G enabled gateways.

Available Models

Description	MFG Part #	SKU
With 4 SMA Male Leads (4 Cellular Cables)	VM-UW4OD-SM	279935

Electrical Specifications

Operating Frequency Range	617-960 MHz	1690-2700 MHz	3300-4200 MHz	4900-6000 MHz
Polarization	Vertical			
Horizontal Beamwidth	360°	360°	360°	360°
Gain	4 dBi	6 dBi	7 dBi	8 dBi
VSWR	≤ 2.0	≤ 2.0	≤ 2.0	≤ 2.0
Port-to-Port Isolation	> 10 dBm	> 10 dBm	> 10 dBm	> 10 dBm
Nominal Impedance	50 Ohms			

Mechanical Specifications

Dimensions	7 in. diameter, 3.15 in. high (175 x 80 mm)
RF Connector	SMA Male
Number of Ports	4
Pigtail/Lead	RG58 Cellular Cables
Length of Lead	17 ft. (5.18 m)
Radome	White UV Stabilized ABS (black option available with 25 unit MOQ by contacting Ventev sales)
Application	Indoor/Outdoor
Mounting Options	Wall or Ceiling
Operating Temperature	-40° to 176°F (-40° to 80°C)
Ingress Protection	IP69K
Weight	2.6 lbs. (1.2 kg)



Features & Benefits

- Multiband 4-in-1 VenDome™ omnidirectional antenna with SMA Male leads.
- 4x4 ultra-wideband (617-6000 MHz) to support MIMO/diversity at 4G/5G.
- Indoor and outdoor rated IP69K design with UV stabilized radome.
- Compatible with most 4G/5G enabled gateways.



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

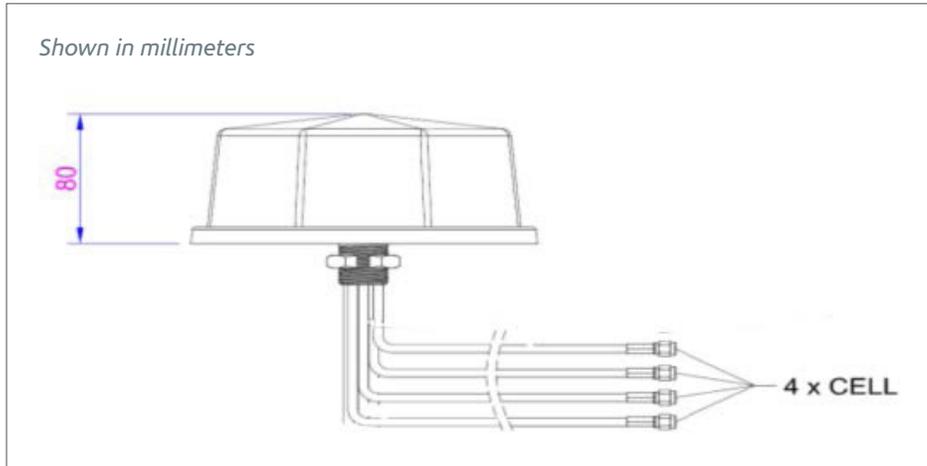
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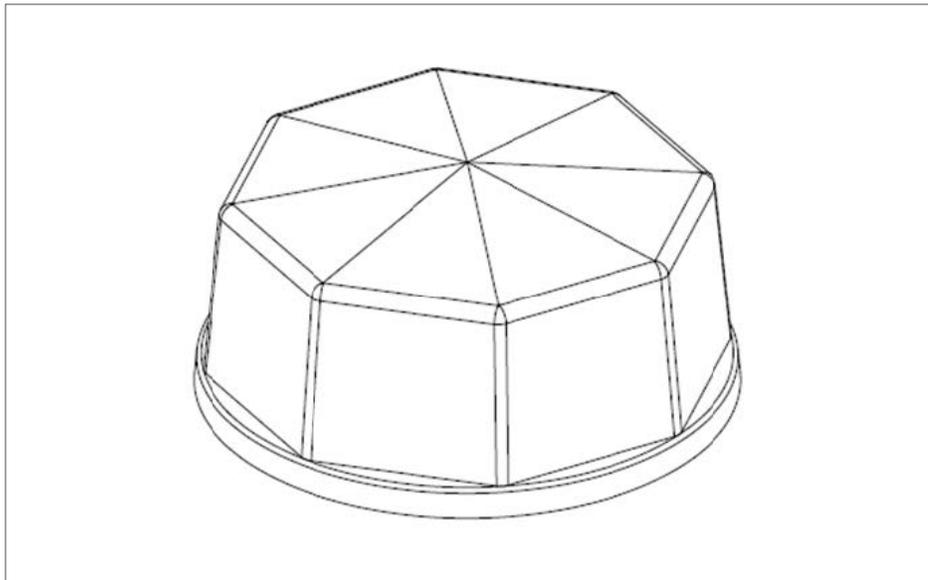
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Dimensions



Antenna Information



Installation Instructions

- Mount through a 1 inch hole using the stainless nut (silicone O-ring is included).
- Use adhesive backed sealing pad in on the back to minimize shaking.

Additional Accessories



Universal L-Bracket Mount for Omni Antennas

MFG Part #: VEN-ULBD-0214
SKU #: 274461



2-Leg Magnetic Heavy-Duty Mount for VenDome™ Antenna

MFG Part #: VEN-MGMT-2LEG
SKU #: 600876



3-Leg Magnetic Heavy-Duty Mount for VenDome™ Antenna

MFG Part #: VEN-MGMT-3LEG
SKU #: 600881

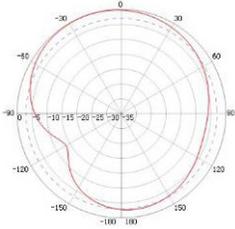


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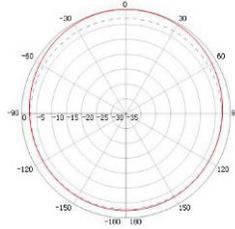
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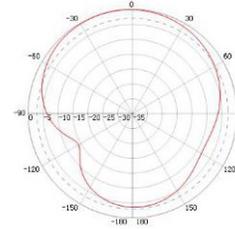
Radiation Patterns



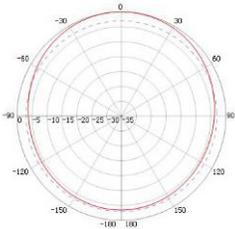
**700 GHz
E Plane**



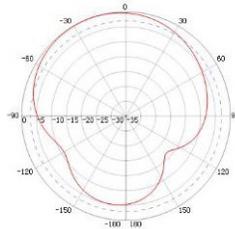
**700 GHz
H Plane**



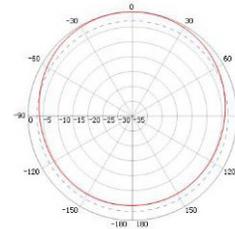
**800 GHz
E Plane**



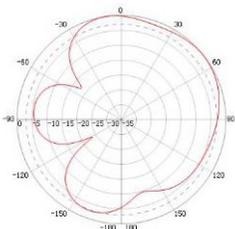
**800 GHz
H Plane**



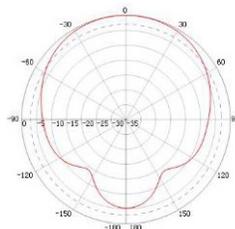
**900 GHz
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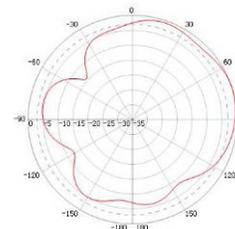
**900 GHz
H Plane**



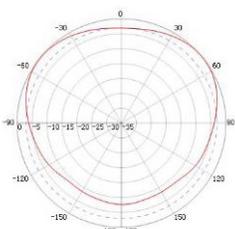
**1700 GHz
E Plane**



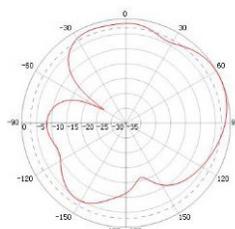
**1700 GHz
H Plane**



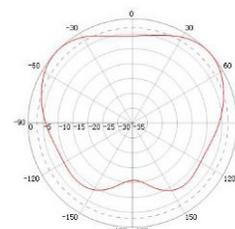
**2200 GHz
E Plane**



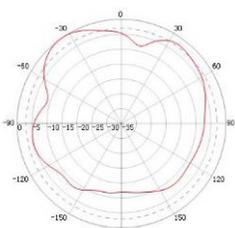
**2200 GHz
H Plane**



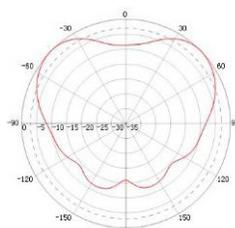
**2400 GHz
E Plane**



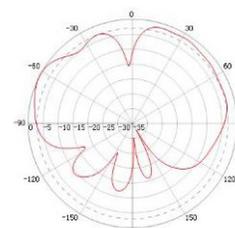
**2400 GHz
H Plane**



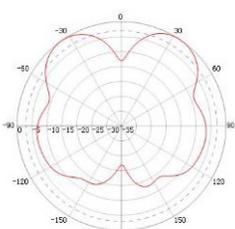
**2600 GHz
E Plane**



**2600 GHz
H Plane**



**3300 GHz
E Plane**



**3300 GHz
H Plane**

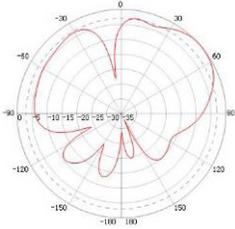


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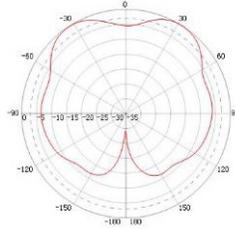
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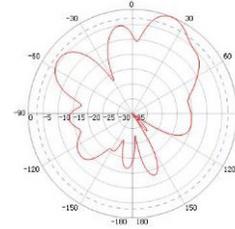
Radiation Patterns



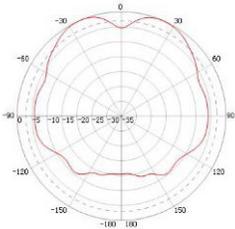
3600 GHz
E Plane



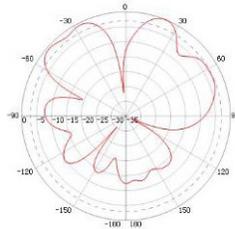
3600 GHz
H Plane



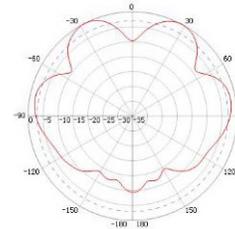
4200 GHz
E Plane



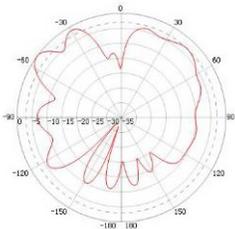
4200 GHz
H Plane



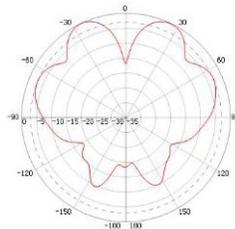
4900 GHz
E Plane



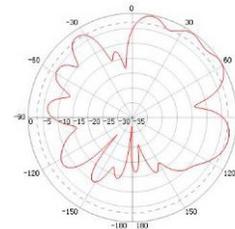
4900 GHz
H Plane



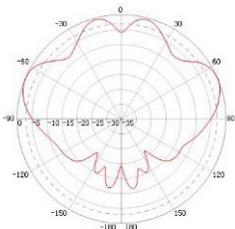
5500 GHz
E Plane



5500 GHz
H Plane



6000 GHz
E Plane



6000 GHz
H Plane



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