



- Multiband 4-in-1 Dome Omnidirectional Antenna with SMA Male leads
- 4x4 Ultra-wideband (617-6000MHz) to support MIMO/diversity at 4G/5G
- Indoor and Outdoor rated IP69K design with UV stabilized radome

Compatible with most 4G/5G enabled gateways

Connector Option	Product SKU	Ventev Part #
SMA Male Leads	279935	VM-UW4OD-SM

For more information or to purchase, contact Ventev: 800.851.4965 or sales@ventev.com

Electrical Specifications				
Cable Leads Number	Cable 1 to 4 (4G/5G Elements)			
Frequency Bands, MHz	617–6000			
Gain, dBi	617-960 MHz 1690-2700 MHz	4 dBi 6 dBi	3300-4200 MHz 4900-6000 MHz	7 dBi 8 dBi
Polarization	Vertical			
Azimuth (HBW)	Omni (360°)			
Isolation, dBm	> 10			
VSWR	≤ 2.0			
Impedance, ohm	50			
Mechanical Specifications				
Product Dims (Dia x H)	Ø175 x 80 mm (Ø7.0 x 3.15 in)			
Input Connector / Pigtail	Cellular Cables (leads #1 to 4) : SMA Male; 17ft Pigtail w/ RG58			
Radome	UV Stabilized ABS. White			
	(Black color option available with 25unit MOQ; Contact Ventev Sales)			
Operating Temperature	-40° C to +80° C (-40° F to +176° F)			
Ingress Protection	IP69K			
Mounting	Through 1.0" hole using stainless Nut; Silicone O-ring included;			
	Adhesive backed sealing pad on the back to minimize shaking			
Application	Indoor or Outdoor			
Product Weight	1.2Kg (2.6 lbs)			

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



Frequency	E Plane	H Plane
700 MHz	-50 0 30 30 30 40 40 40 40 40 40 40 40 40 40 40 40 40	-50 -50 -120 -120 -130 15 20 25 39 55 -140 (80)
800 MHz	-150 -150 -150 -150 -150 -150 -150 -150	-150 -150 -150 -150 -150 -150 -150
900 MHz	-120 0 0 30 30 40 40 40 40 40 40 40 40 40 40 40 40 40	-50 -50 -50 -10 -10 -10 -10 -10 -10 -10 -1
1700 MHz	-10 0 30 -10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-50 -50 -10 -150 -150 -16

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Frequency	E Plane	H Plane
2200 MHz	-50 -50 -50 -50 -50 -50 -50 -50	-150 -150 -150 -150 -150 -150 -150 -150
2400 MHz	-150 -150 -150 -150 -150 -150 -150 -150	-150 -150 -150 -150 -150 -150 -150 -150
2600 MHz	-150 -150 -150 -150 -150 -150 -150 -150	-10 -10 -10 -150 -160 -150 -160 -150 -160 -150 -160 -150
3300 MHz	-150 -150 -150 -150 -150 -150 -150 -150	-40 -40 -40 -10 -10 -10 -10 -10 -10 -10 -1

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Frequency	E Plane	H Plane
3600 MHz	-120 -120 -120 -120 -120 -120 -120 -120	-150 -160 1930
4200 MHz	-150 -150 -150 -160 -160 -160 -160 -160 -160	-150 -150 -150 -150 -150 -150 -150 -150
4900 MHz	-150 -160 100 520	-85 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
5500 MHz	-100 -100 -100 -100 -100 -100 -100 -100	-51 0 50 50 50 50 50 50 50 50 50 50 50 50 5
6000 MHz	-150 -150 -150 -150 -150 -150 -150 -150	-150 -160 150

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