

Multiband 4-in-1 Slim Omni Antenna

2x Cellular (600-7125MHz), 1x Tri-band Wi-Fi, 1x GNSS/GPS



- ❖ 2x2 ultra-wideband (617-7125MHz) to support MIMO/diversity at 4G/5G as well as Wi-Fi 6E; one Tri-band Wi-Fi and one GNSS/GPS antenna w/ 26dB gain LNA
- ❖ Ground plane independent
- ❖ Includes sealing gasket at bottom for fleet mounting
- ❖ Indoor and Outdoor rated IP66 design with UV stabilized cover
- ❖ Ideal for Fixed and Mobile installations in Industrial IoT, Automations, Smart City, EV-Chargers, Smart Metering, Public Safety and such

Connector Option	Product SKU	Ventev Part #
SMA/RPSMA Male	605241	VL-UETG2110-SSM

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

Electrical Specifications – Cable 1 and 2 (4G/5G Elements, labeled LTE)					
Frequency Bands, MHz	617-698	698-960	1710-2700	3300-4200	4900-7125
Polarization	Linear Vertical				
Azimuth (HBW)	Omni (360°)				
VSWR	≤2.2	≤2.0	≤2.0	≤1.8	≤2.0
Peak Gain, dBi	2.5	4.0	6.0	6.0	4.5
Max Input Power per Port, watts	20				
Impedance, ohm	50				
Electrical Specifications – Cable 3 (2.4GHz/5GHz/Wi-Fi 6E Element, labeled WiFi6E)					
Frequency Bands, MHz	2.4GHz	5GHz	Wi-Fi 6E		
Polarization	Linear Vertical				
Azimuth (HBW)	Omni (360°)				
VSWR	≤2.0	≤2.0	≤1.8		
Peak Gain, dBi	4.0	5.0	5.0		
Max Input Power per Port, watts	20				
Impedance, ohm	50				
GNSS/GPS Antenna Specification (1562 – 1612 MHz) – Cable 4					
VSWR	< 2.0 ± 4MHz				
Gain	≥ 26dB LNA				
Out of Band Rejection, dB	> 40dB				
Typical Noise Figure, dB	-2.7 dB				
Operating Voltage	3 – 5 VDC				
Typical Current, mA	15				

Multiband 3-in-1 Slim Omni Antenna

2x Cellular (600-7125MHz), 1x Tri-band Wi-Fi, 1x GNSS/GPS

Mechanical Specifications	
Product Dims	Ø145mm x 40mm (Ø5.7in x 1.6in)
Connector/Lead	3x SMA Male for Cellular and GPS, 1x RPSMA Male for Wi-Fi, RG316, 10ft Leads
Radome Material/ Color	UV Stabilized ABS Black
Operating Temperature	-40 to +85 °C (-40 to 185 °F)
Ingress Protection	IP66
Mounting	Stud Mount Through 0.8" hole; Max. Panel Thickness ¼" (Sealing pad on the back for sealing and minimize shaking)
Application	Indoor or Outdoor
Product Weight	0.8 lbs