

Multiband 3-in-1 Slim Omni Antenna

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



- ❖ One ultra-wideband (617-7125MHz) to support 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 | 605239 | VL-UETG1110-SSM |

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

| Electrical Specifications – Cable 1 (4G/5G Element, 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 2 (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 3 | | | | | |
| 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 | | | | |

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| Mechanical Specifications | |
|-------------------------------|---|
| Product Dims | Ø145mm x 40mm (Ø5.7in x 1.6in) |
| Connector/Lead | 2x 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 | 0.7 lbs |