

Multiband 4-in-1 Slim Omni Antenna

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

ventev®

Connect, Protect, and Enable™

Ventev's multi-band Slim Surface Mount line of antennas is among the smallest form-factor in the industry with highly efficient performance. The high-quality design offers excellent gain and electrical specs in a compact form-factor. The rugged construction include UV stabilized cover, durable components with extended operating temperature range, IP66 rated to protect from rain, high-pressure wash, dust. Antenna comes with SMA leads for cellular and GPS antennas, and RP-SMA leads for Wi-Fi antennas.

Specifications

SKU	605241
Manufacturer Part Number	VL-UETG2110-SSM
Polarization	Linear Vertical
Horizontal Beamwidth	360°
Nominal Impedance	50 Ohms
Max Input Power (Per Port)	20 W
Number of Ports	4
Length of Lead	10 ft.
RF Connector	3 SMA Male / 1 RPSMA Male
Application	Indoor/Outdoor
Operating Temperature	-40° to 185°F
Dimensions	5.7 x 1.6 in.
Weight	0.8 lbs.
Radome	Black
Construction	UV-Stabilized ABS
Ingress Protection	IP66

Mounting Stud Mount Through 0.8 in. Hole;
Max Panel Thickness 0.25 in. (Sealing pad on the back for sealing and minimize shaking)



Features & Benefits

- 2x2 ultra-wideband (617-7125 MHz) to support MIMO/diversity at 4G/5G as well as Wi-Fi 6E; one Tri-band Wi-Fi and one GNSS/GPS antenna with 26 dB 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.



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

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Electrical Specifications: Cable 1 and 2 (4G/5G Elements, labeled LTE)

Frequency Bands	617-698 / 698-960 / 1710-2700 / 3300-4200 / 4900-7125 MHz
VSWR	≤2.2 / ≤2.0 / ≤2.0 / ≤1.8 / ≤2.0
Peak Gain	2.5 / 4.0 / 6.0 / 6.0 / 4.5 dBi

Electrical Specifications: Cable 3 (2.4GHz/5GHz/Wi-Fi 6E Element, labeled WiFi6E)

Frequency Bands	2.4 GHz / 5 GHz / Wi-Fi 6E
VSWR	≤2.0 / ≤2.0 / ≤1.8
Peak Gain	4.0 / 5.0 / 5.0 dBi

GNSS/GPS Antenna Specification: Cable 4 (1562 – 1612 MHz)

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



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