

Antenna-Vehicle-2LG

Rooftop antenna with MIMO LTE and GNSS for vehicles and cabinets



Features

- MIMO LTE/UMTS/GSM
- GNSS

The Antenna-Vehicle-2LG is an omnidirectional rooftop antenna for vehicles. The combo antenna is designed for 2G, 3G and 4G networks and also GNSS. With its E-mark certification, protection levels IP96K and IP68 and supported temperature range from -40 °C to +85 °C, the antenna can be used on vehicles for tracking applications, E-Ticketing, Passenger WiFi, driver communication and much more.

The antenna combines multiple antennas in a single housing and thus supports MIMO LTE/UMTS/GSM and GNSS (GPS & GLONASS). LTE is vertical and the active GNSS is right hand circular polarized.

The antenna can be mounted permanently with screws and three included 3m cables allow a flexible positioning.

Frequencies

- 690 - 960 MHz
- 1700 - 2200 MHz
- 2500 - 2700 MHz
- 1500 - 1700 MHz

Specifications

Supported Technologies	GSM UMTS MIMO LTE GNSS (GPS & GLONASS)
Cellular	Frequencies: 690 - 960 / 1700 - 2200 / 2500 - 2700 MHz Gain: 4 dBi @ 690 - 960 MHz / 6 dBi @ 1700 - 2200 MHz / 6 dBi @ 2500 - 2700 MHz VSWR: 2.2 @ 690 - 960 MHz / 2 @ 1700 - 2200 MHz / 2 @ 2500 - 2700 MHz Impedance: 50 Ohm Radiation: Omnidirectional; Vertical polarization Connectors: 2x SMA male Cables: 2x HF50 3m
GNSS	Frequencies: 1500 - 1700 MHz Type: Active Power: 3 - 5V, 30mA Gain: 30 dBiC (Total gain @90° elevation) VSWR: 2 Impedance: 50 Ohm Radiation: Omnidirectional; Circular right polarization Connector: SMA male Cable: HF50 3m
Certifications	ISO 16750 / RoHS 2011-65-EC compliant / REACH 2006-1907-EC / MIL-F-14072D / E-Mark / CE-Mark
Protection level	IP69K / IP68
Temperature range	-40 °C to +85 ° C
Environment	Outdoor
Color	Dark grey
Dimensions	88 x 83 x 208 mm (Height x Width x Depth)
Mounting	Roof mounting; Mounting breakthrough Ø30mm
Order number	Antenna-Vehicle-2LG