

Antenna-Roof-LG

Roof mounted antenna for LTE and GPS



Features

- LTE/UMTS/GSM
- GPS



The Antenna-Roof-LG is a combined antenna for LTE, UMTS, GSM and GPS. The omnidirectional antenna is suited for applications as vehicle tracking, weather stations, wind parks and much more. With protection level IPX7 (waterproof) and with supported temperature range from -40 °C to +80 °C it is suited for indoor and outdoor usage in harsh environments. The antenna can be mounted permanently with screws and two included 3m cables allow a flexible positioning. The LTE antenna has a linear and the active GPS antenna has a right hand circular polarization.

Frequencies

- 704 - 960 MHz
- 1710 - 2690 MHz
- 1575.42 MHz (L1)

Specifications

Supported Technologies	GSM UMTS LTE GPS
Cellular	Frequencies: 704 - 960 MHz / 1710 - 2690 MHz Gain: 5dBi@700 - 960MHz (1m Cable) / 2dBi@1710 - 2690MHz (1m Cable) VSWR: <2.0 Impedance: 50 Ohm Radiation: Linear polarization Connector: SMA male Cable: 3m
GPS	Frequencies: 1575.42 MHz (L1) Type: Active Power: 3V - 5.5V; 12mA typ. Gain: 27 dB VSWR: ≤ 1.8. Impedance: 50 Ohm Radiation: R.H.C.P Connector: SMA male Cable: 3m
Certifications	-
Protection level	IPX7
Temperature range	-40 °C to +80 °C
Environment	Outdoor
Color	Black
Dimensions	65mm(Ø) x 20mm(H)
Mounting	Screw mount Mounting hole 12.7 mm
Order number	Antenna-Roof-LG