

Antenna-Roof-2L2W

Roof mounted antenna for MIMO LTE and MIMO WiFi



Features

- MIMO LTE
- UMTS
- GSM
- MIMO WiFi 2.4/5 GHz

The Antenna-Roof-2L2W omnidirectional combo antenna for signal enhancement in mobile and WiFi networks. It can be used for weather stations, water supplies and much more. The antenna combines two LTE antennas and two WiFi antennas in a single housing and thus supports MIMO LTE/UMTS/GSM and MIMO WiFi 2.4/5 GHz. LTE and WiFi are linear polarized.

The antenna is RoHS compliant and with protection level IP67 (waterproof) and 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 four included 3m cables allow a flexible positioning.

Frequencies

- 704 - 960 MHz
- 1710 - 2690 MHz
- 2400 - 2500 MHz
- 5100 - 5850 MHz

Specifications

Supported Technologies	GSM UMTS MIMO LTE MIMO WiFi 2.4 / 5 GHz
Cellular	Frequencies: 704 - 960 / 1710 - 2690 MHz Gain: 6.9 dBi@700 - 960 MHz(1m Cable) / 4.0 dBi@1710 - 2170 MHz(1m Cable) / 2.7 dBi@2300 - 2690 MHz(1m Cable) VSWR: <2.2 (with 1m cable) Impedance: 50 Ohm Radiation: Omnidirectional; Linear polarization Connectors: 2x SMA male Cables: 2x RG58; 3m
WiFi	Frequencies: 2400 - 2500 MHz / 5100 - 5850 MHz Gain: 3.9 dBi @ 2400 - 2500 MHz (1m Cable) / 3.3 dBi @ 5100 - 5850 MHz (1m Cable) VSWR: < 1.7 @ 2400 - 2500 MHz / < 1.55 @ 5100 - 5850 MHz Radiation: Omnidirectional; Linear polarisation Connectors: 2x SMA male Cables: 2x RG58; 3m
Certifications	RoHS compliant
Protection level	IP67
Temperature range	-40 °C to to +80 °C
Environment	Outdoor
Color	Black
Dimensions	110mm(Ø) x 40mm(H)
Mounting	Screw through hole mount Mounting hole 22.45 mm Lock screw Ø5.9mm included
Order number	Antenna-Roof-2L2W