

QuSpot for Teltonika RUTX09

Integrated outdoor multi band LTE omni antennas + GPS antenna + place to install Teltonika RUTX09 (All-in-one)

QuSpot omni LTE antenna for Teltonika **RUTX09** router is a perfect outdoor device for mobile and fixed installations like industrial, CCTV, hotspots, yachts, boats, campers, RV etc. **It has embedded GPS antenna.** If you use **RUTX09** with QuSpot antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.

This product is also compatible with **RUTM09**.

4G
LTE

GPS

694-2700MHz

4 dBi

OMNI
DIRECTIONAL

IP 68

-40° TO +80°



OUTDOOR ANTENNA WORKS IN **ANY**
WEATHER CONDITIONS, IP68



ANTENNA **PERFECTLY MATCHED** WITH
THE ROUTER



PASSIVE **POE SUPPORT**



MADE IN **EUROPE**



LTE ANTENNA SPECIFICATION

FREQUENCY	694 - 960 MHz 1.7 - 2.2 GHz 2.2 - 2.7 GHz
GAIN	694 - 960 MHz : 2 dBi 1.7 - 2.2 GHz : 2 dBi 2.2 - 2.7 GHz : 4 dBi
SUPPORTED LTE/5G BANDS	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 23, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 44, 53, 59, 62, 65, 66, 67, 68, 69, 85, n80, n81, n82, n83, n84, n86, n89, n90, n95
VSWR	<1.60, max <2.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE
CONNECTOR TYPE	RJ45
INGRESS PROTECTION	IP68
DIMENSIONS	160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch
WEIGHT	1.5 kg 3.31 lbs
OPERATING TEMPERATURE	From -40°C to 80°C From -40°F to 176°F
MAST DIAMETER	40-60 mm 1.57-2.36 inch

FREQUENCY BANDS

The diagram illustrates the frequency allocation for LTE / 4G networks, divided into two main sections: GSM and UMTS.

LTE / 4G GSM: This section shows a frequency range from 694 MHz to 960 MHz. The available frequencies are listed in a grid:

Frequency (MHz)
5
6
8
12
13
14
17
18
19
20
26
27
28
29
44
67
68
85
n81
n82
n83
n89

LTE / 4G UMTS: This section shows a frequency range from 1710 MHz to 2170 MHz. The available frequencies are listed in a grid:

Frequency (MHz)
1
2
3
4
9
10
25
33
34
35
36
37
39
59
62
n80
n84
n85
n95

LTE / 4G WCS DARS

2300
MHz

30

40

2400
MHz

LTE / 4G

2400
MHz

7

38

41

53

69

n90

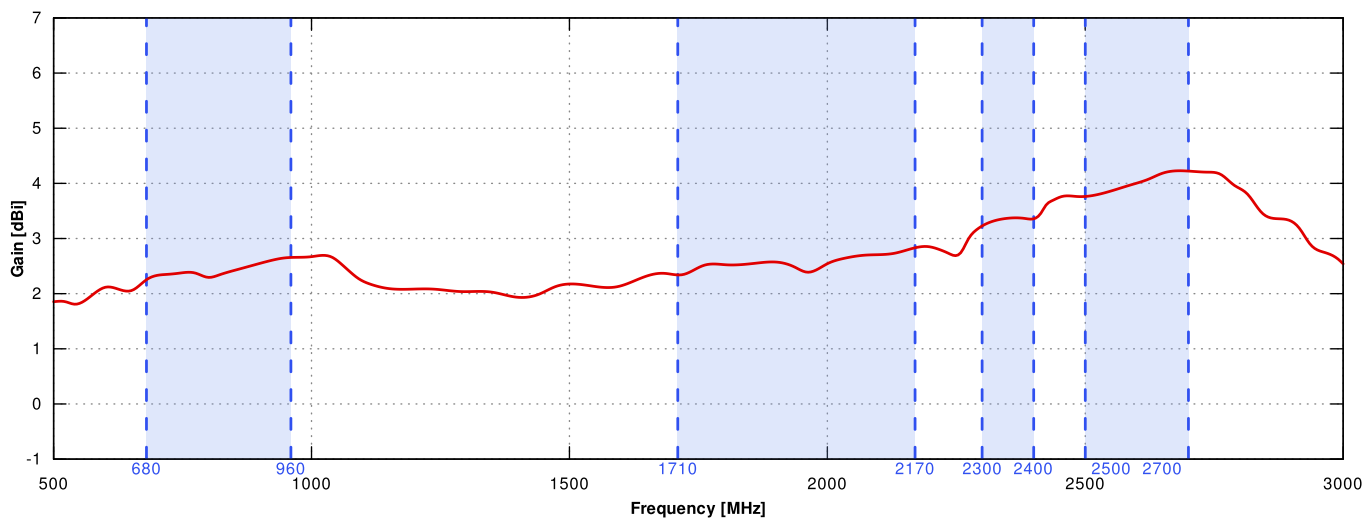
2700
MHz

PLOTS

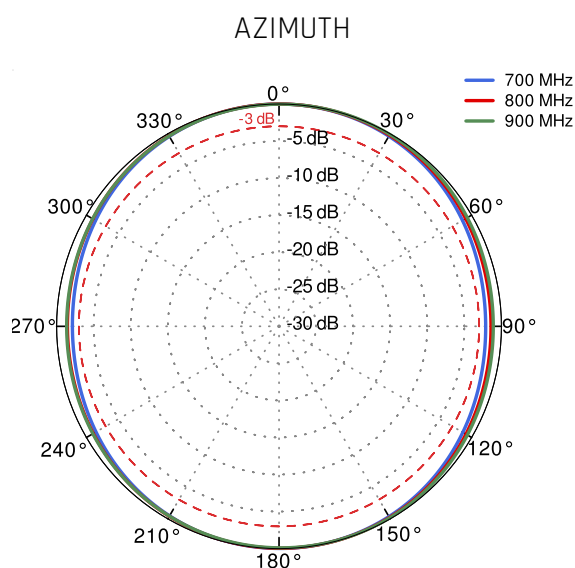
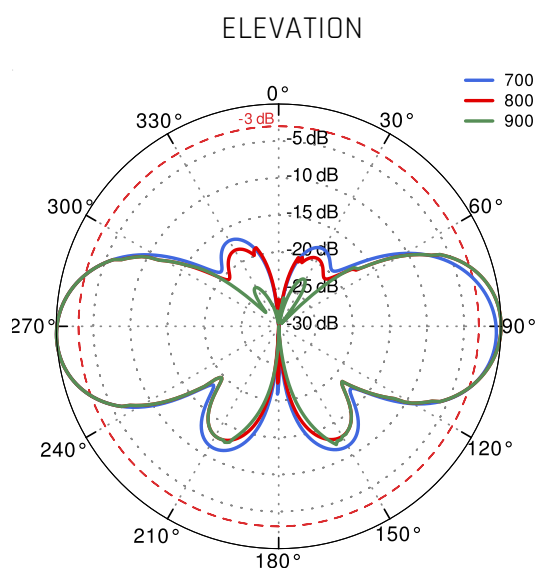
VSWR for LTE antenna



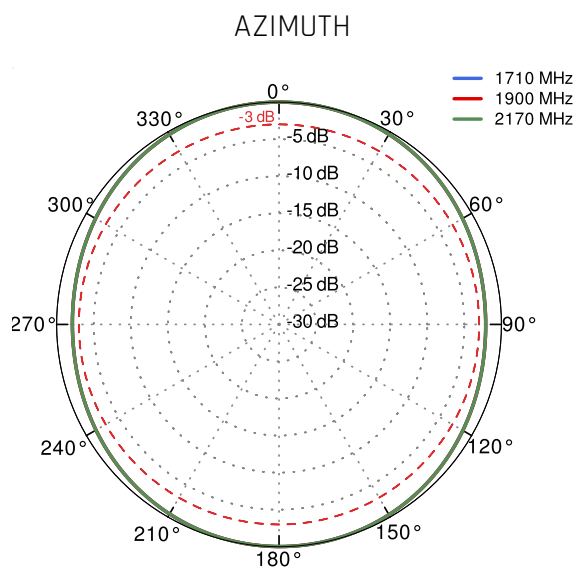
Gain for LTE antenna



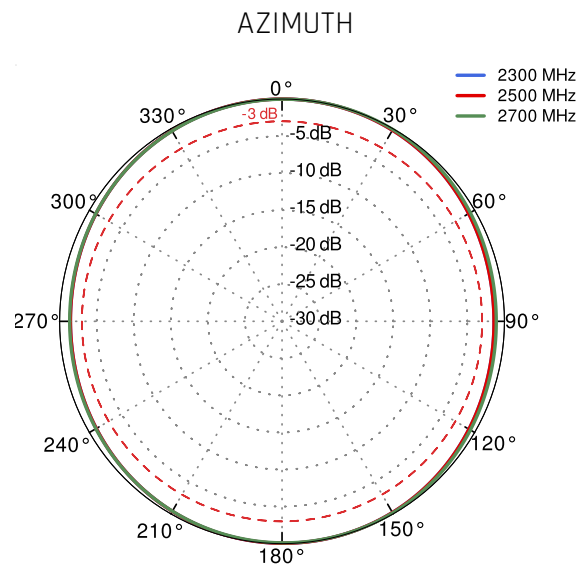
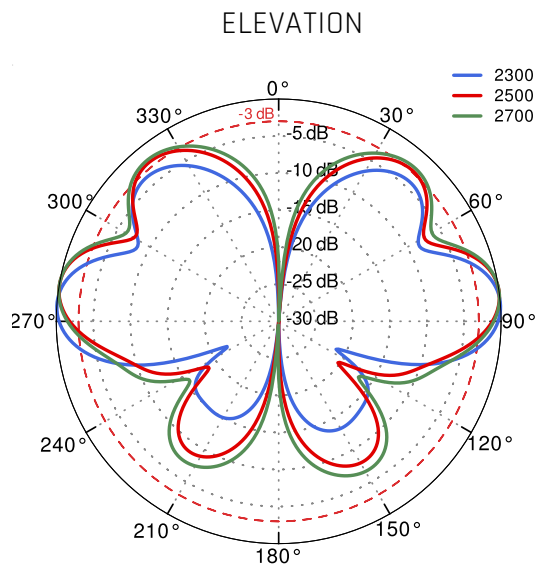
LTE from 700MHz to 900MHz



LTE from 1.71GHz to 2.17GHz



LTE from 2.3GHz to 2.7GHz



DIMENSIONS

