

QuMax for Robustel R3000 Lite

INTEGRATED MULTI-BAND LTE DIRECTIONAL ANTENNA + POE SPLITTER + PLACE TO INSTALL ROBUSTEL R3000 LITE (ALL-IN-ONE)

QuMax antenna for Robustel R3000 Lite router is a perfect outdoor device for improving the signal in rural/suburban and locations where the mobile signal is weak. It has embedded directional LTE antenna. If you use R3000 Lite with QuMax antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.

The set contains a PoE splitter, allowing you to split data and power from a single Ethernet cable and maintain gigabit transfer speeds while protecting the LAN port from damage caused by overvoltage, short circuit or improper connection.

4G
LTE**2x2 MIMO**
694-2700MHz
6 dBi
DIRECTIONAL
IP 67
-40° TO +80°

OUTDOOR ANTENNA WORKS IN ANY WEATHER CONDITIONS, IP67



MOUNTING SYSTEM WITH TWO PLANES, 60 DEGREES REGULATION



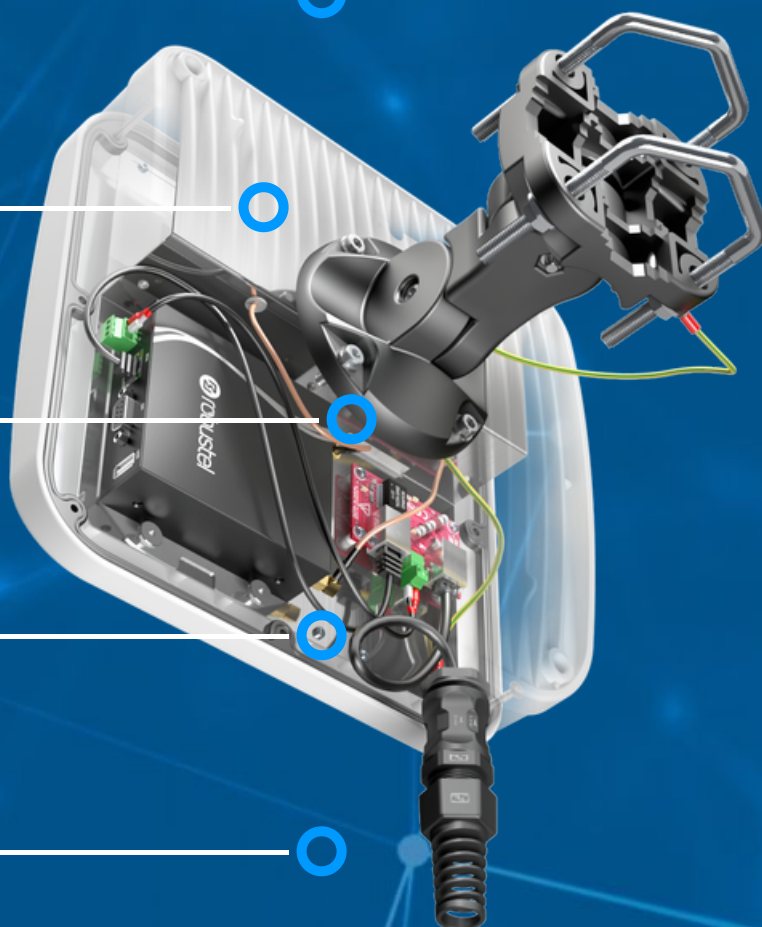
ANTENNA PERFECTLY MATCHED WITH THE ROBUSTEL R3000 LITE



ALL ANTENNAS AND ROBUSTEL GATEWAY INTEGRATED IN ONE ENCLOSURE



MADE IN **EUROPE**



LTE ANTENNA SPECIFICATION

| | |
|------------------------|--|
| FREQUENCY | 694 - 960 MHz 1.7 - 2.2 GHz 2.2 - 2.7 GHz |
| SUPPORTED LTE/5G BANDS | 1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 44, 53, 65, 66, 67, 68, 69, 85, 103, n80, n81, n82, n83, n84, n86, n89, n90, n95, n97, n98, n100, n101, n256 |
| GAIN | 694 - 960 MHz : 4 dBi 1.7 - 2.2 GHz : 5 dBi 2.2 - 2.7 GHz : 6 dBi |
| VSWR | <1.70, max <2.00 |
| BEAMWIDTH | 70°/70° ±15° |
| POLARIZATION | Dual polarized X-Pol |
| IMPEDANCE | 50 Ω |
| FRONT-TO-BACK | >10 dB |

MECHANICAL SPECIFICATION

| | |
|-----------------------|--|
| MATERIALS | ABS, aluminum, PTFE, Fiberglass |
| INGRESS PROTECTION | IP67 |
| CONNECTOR TYPE | RJ45 |
| DIMENSIONS | 272 x 276 x 96 mm 10.71 x 10.87 x 3.78 inch |
| WEIGHT | 1.8 kg 3.97 lbs |
| OPERATING TEMPERATURE | From -40°C to 80°C From -40°F to 176°F |
| MAST DIAMETER | 25-60mm 0.98-2.36 inch |

FREQUENCY BANDS

| | |
|---------------|---|
| LTE / 4G GSM | <div>581213141718</div> <div>617 MHz<div>19202627282944</div></div> <div>676885103n81n82n83</div> <div>n89n100</div> <div>960 MHz</div> |
| LTE / 4G UMTS | <div>123491025</div> <div>1710 MHz<div>333435363739n80</div></div> <div>n84n86n95n98n101</div> <div>2170 MHz</div> |

LTE / 4G WCS DARS

2300
MHz

30

40

n97

2400
MHz

LTE / 4G

2400
MHz

7

38

41

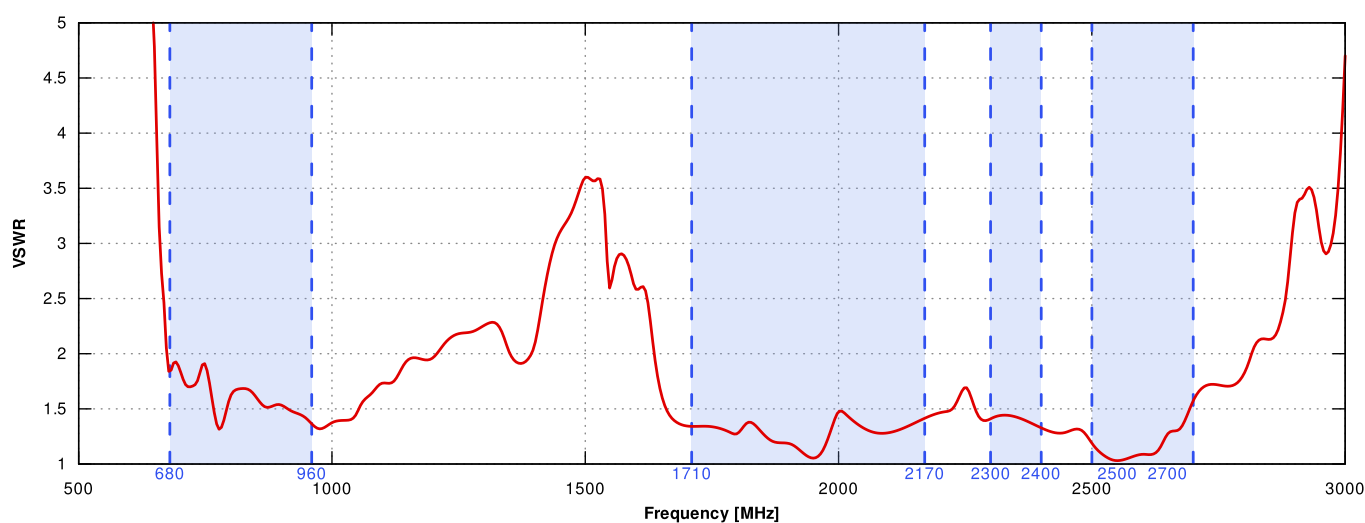
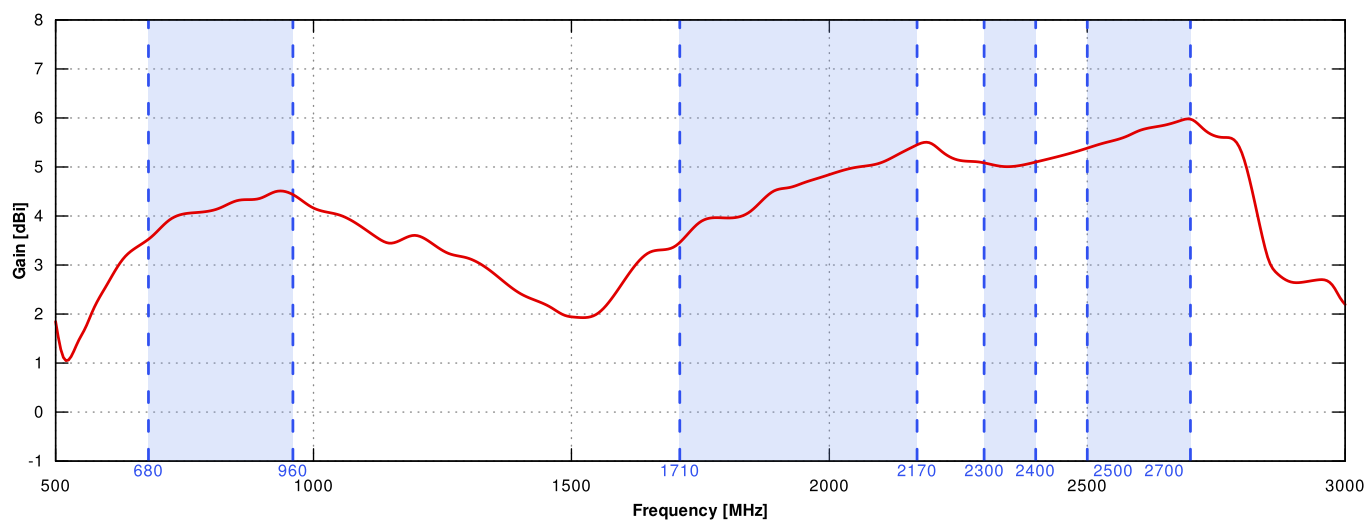
53

69

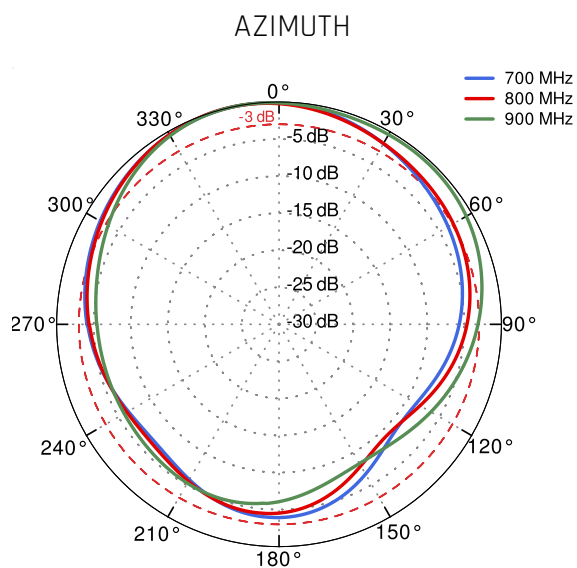
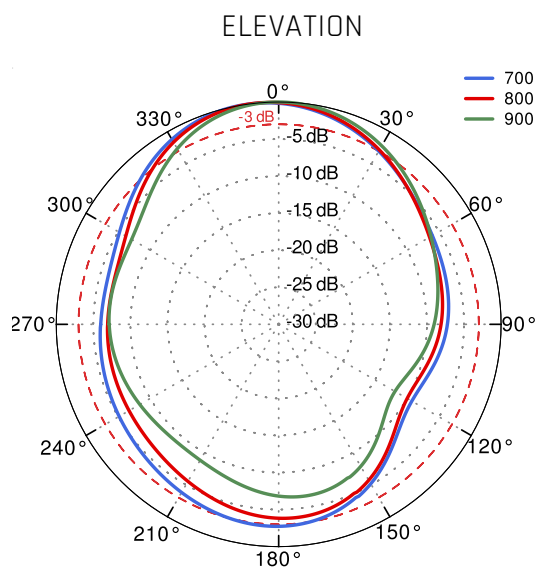
n90

2700
MHz

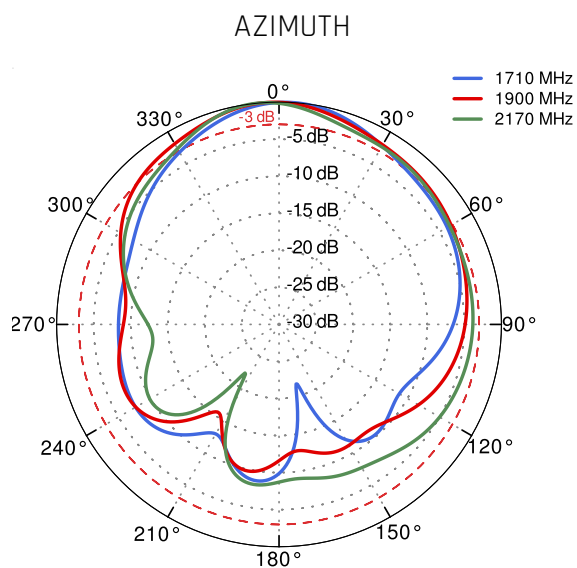
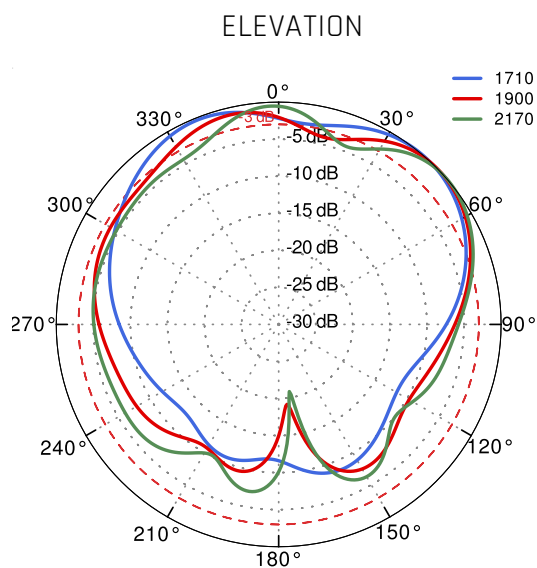
PLOTS

VSWR

Gain


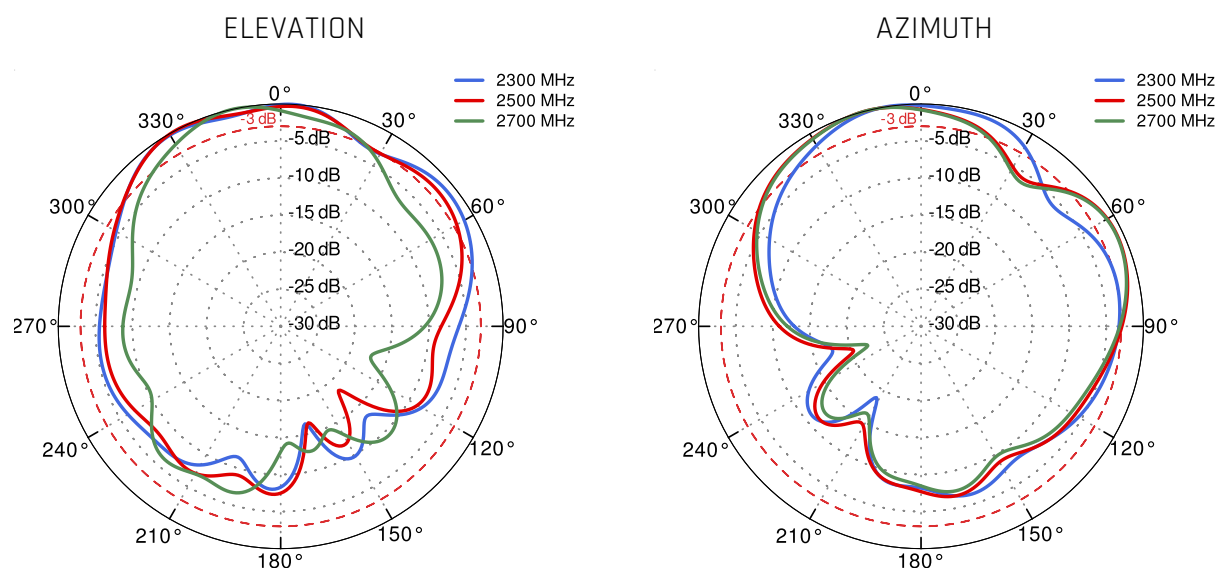
From 700MHz to 900MHz



From 1.71GHz to 2.17GHz



From 2.3GHz to 2.7GHz



DIMENSIONS

