

# 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



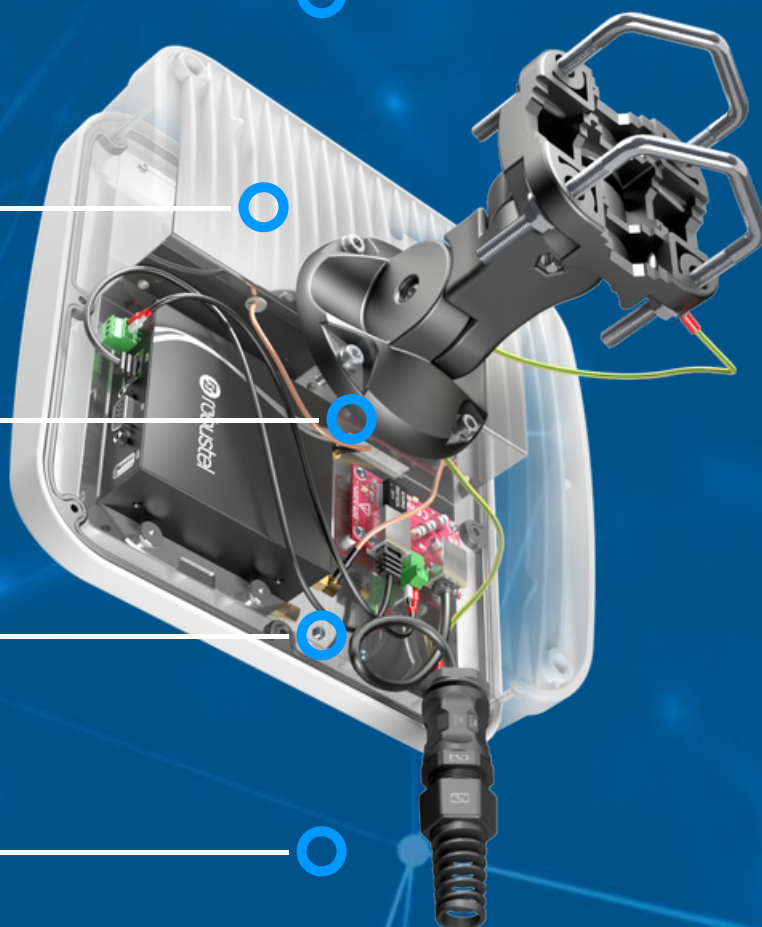
ANTENNA PERFECTLY MATCHED WITH THE ROBUSTEL R3000 LITE



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 $\Omega$
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

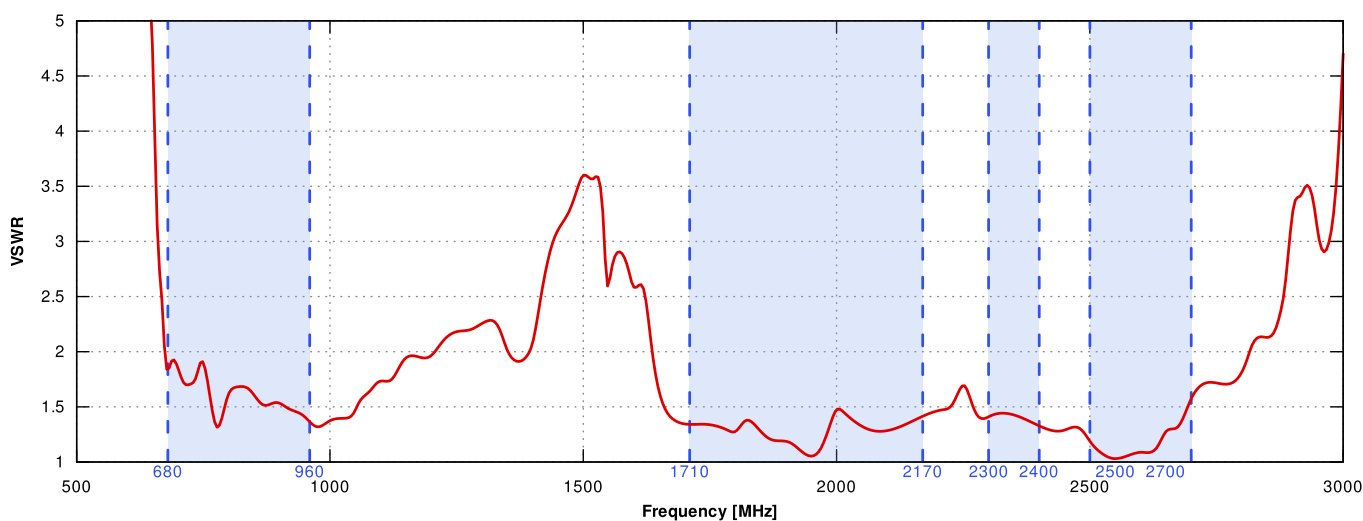
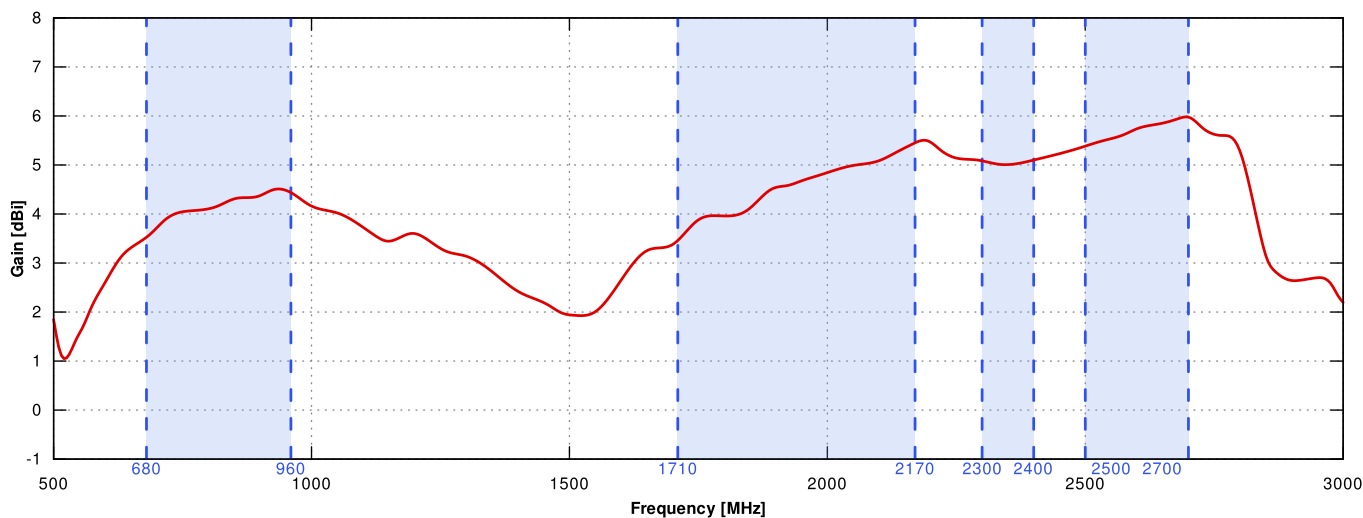
53

69

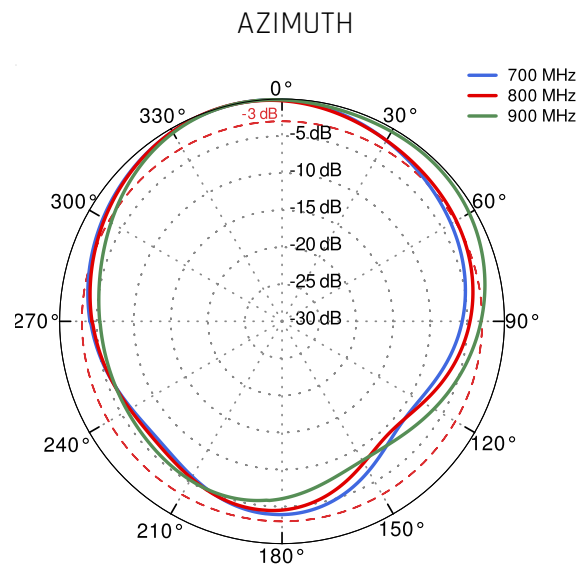
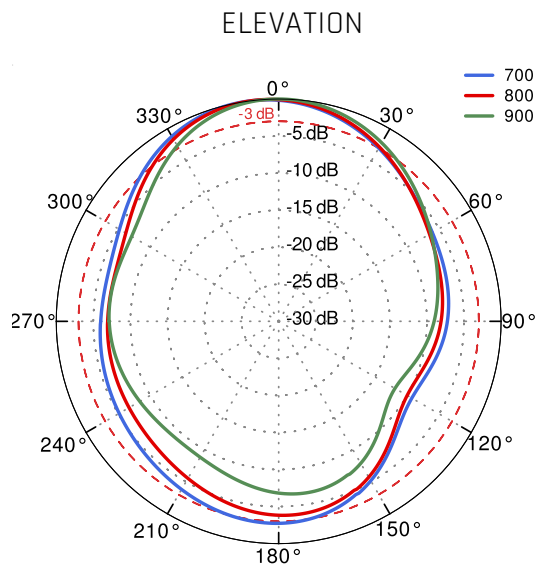
n90

2700  
MHz

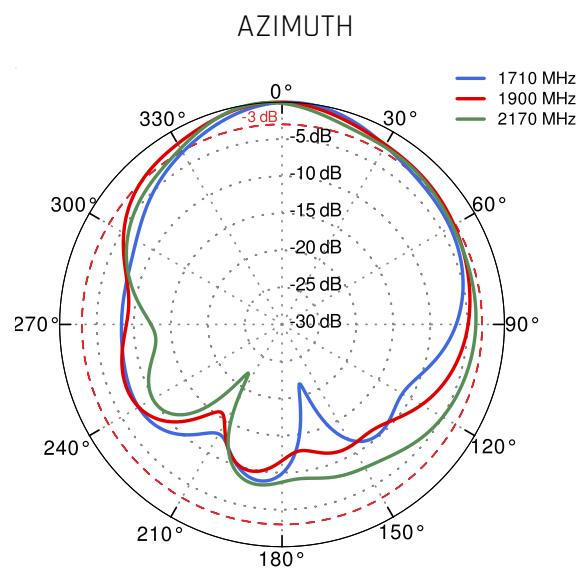
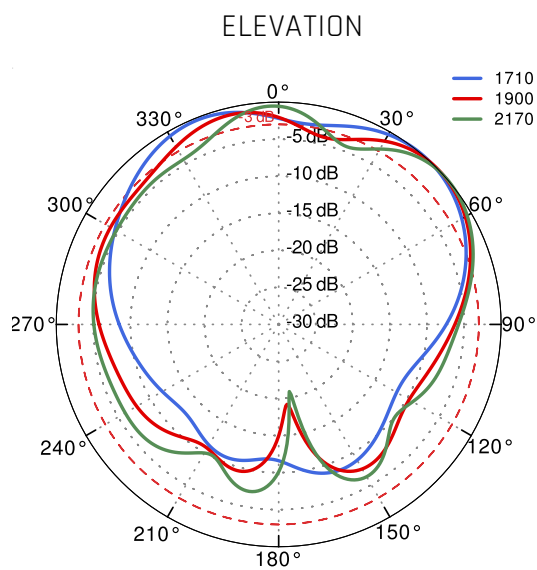
## PLOTS

**VSWR**

**Gain**


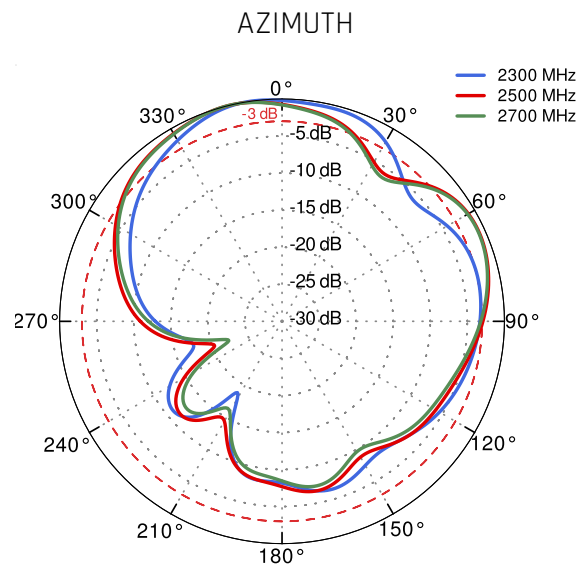
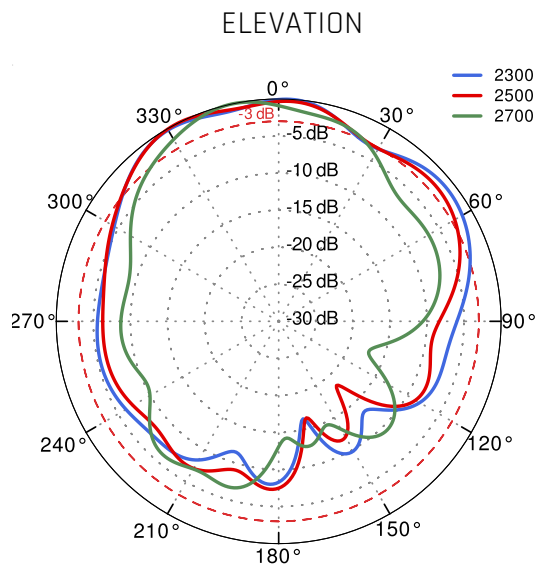
From 700MHz to 900MHz



From 1.71GHz to 2.17GHz



From 2.3GHz to 2.7GHz



## DIMENSIONS

