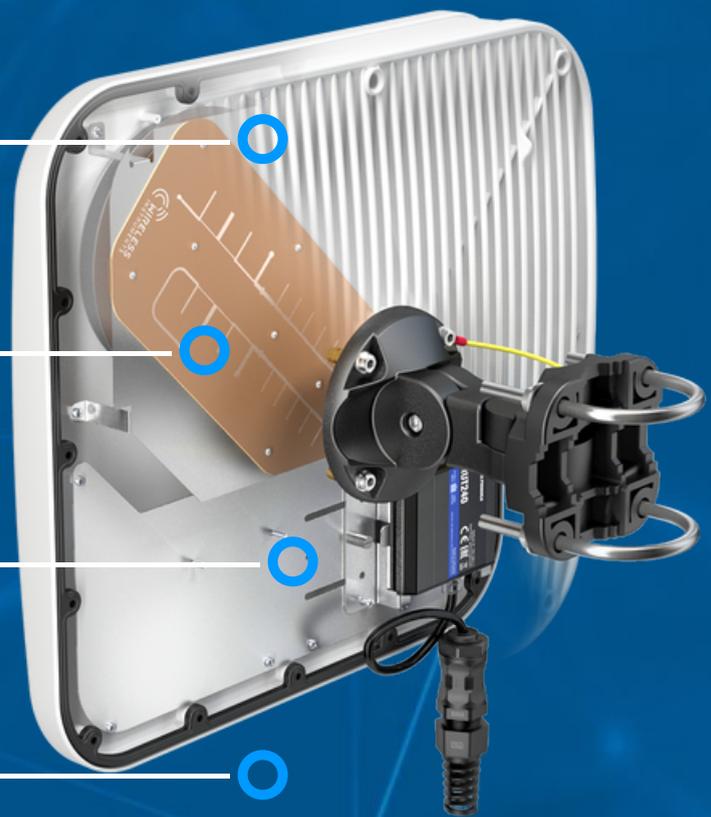


# QuMax XR LTE High Band

**Integrated outdoor multi band eXtra Range LTE directional antenna + place to install Teltonika RUT200/240/241/950/951/955/956/X09/X11**

QuMax eXtra Range LTE High Band offers the most powerful directional LTE antenna of all QuWireless antennas. It is dedicated to connections with long distance to base station. It is designed to have Teltonika router installed inside IP67 enclosure. It is the first choice for fixed installations in industrial environment. There is also space for mounting internal genuine Teltonika GPS and Wi-Fi antennas inside the antenna enclosure. QuMax XR High Band version offer gain up to 12 dBi in LTE bands: 7, 15, 16, 30, 38, 40, 41, 53, 69 and support many other LTE bands (details in specification table).

Compatible Teltonika routers: RUT200, RUT240, RUT241, RUT900, RUT901, RUT950, RUT951, RUT955, RUT956, RUTX09, RUTX11.



## UNIVERSAL MOUNTING BRACKET



## LTE ANTENNA SPECIFICATION

<b>FREQUENCY</b>	694 - 960 MHz 2.3 - 2.7 GHz
<b>SUPPORTED LTE/5G BANDS</b>	5, 6, 7, 8, 12, 13, 14, 15, 16, 17, 18, 19, 20, 26, 27, 28, 29, 30, 38, 40, 41, 44, 53, 67, 68, 69, 71, 85
<b>GAIN</b>	694 - 960 MHz : 6 dBi 2.3 - 2.7 GHz : 13 dBi
<b>VSWR</b>	<1.70, max <2.00
<b>BEAMWIDTH</b>	70° / 70° ±15° 30° / 30° ±15°
<b>POLARIZATION</b>	Dual polarized X-Pol
<b>IMPEDANCE</b>	50 Ω

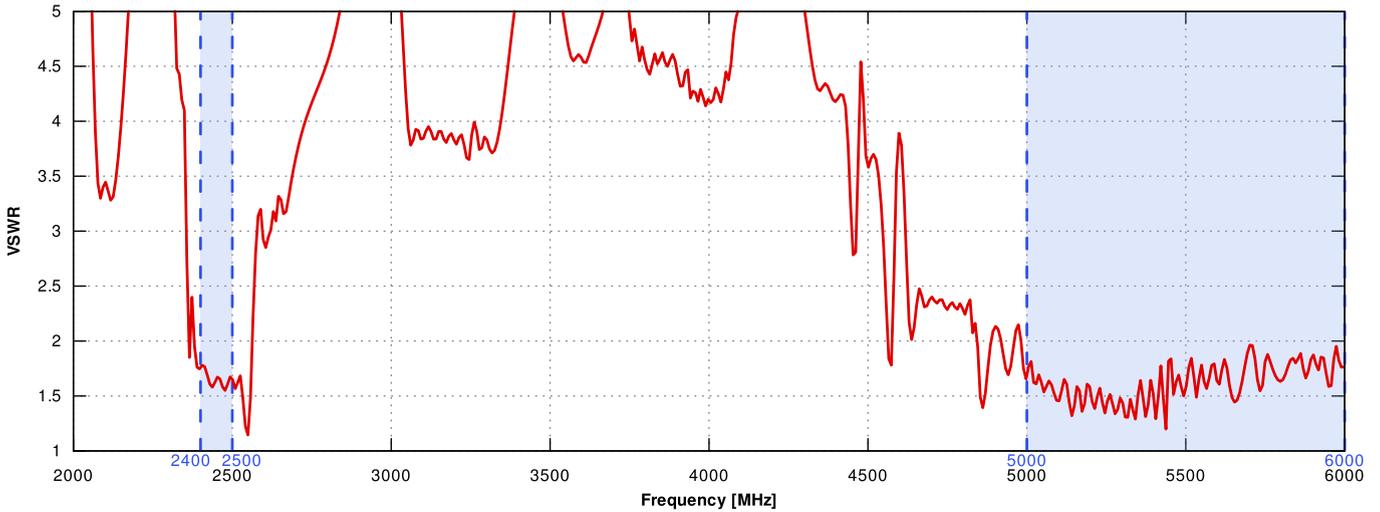
## MECHANICAL SPECIFICATION

<b>MATERIALS</b>	ABS, aluminum, PTFE, Fiberglass
<b>CONNECTOR TYPE</b>	RJ45
<b>INGRESS PROTECTION</b>	IP67
<b>DIMENSIONS</b>	392 x 392 x 99 mm 15.43 x 15.43 x 3.90 inch
<b>WEIGHT</b>	3.7 kg 8.16 lbs
<b>OPERATING TEMPERATURE</b>	From -40°C to 80°C From -40°F to 176°F
<b>MAST DIAMETER</b>	25-60mm 0.98-2.36 inch

## PLOTS

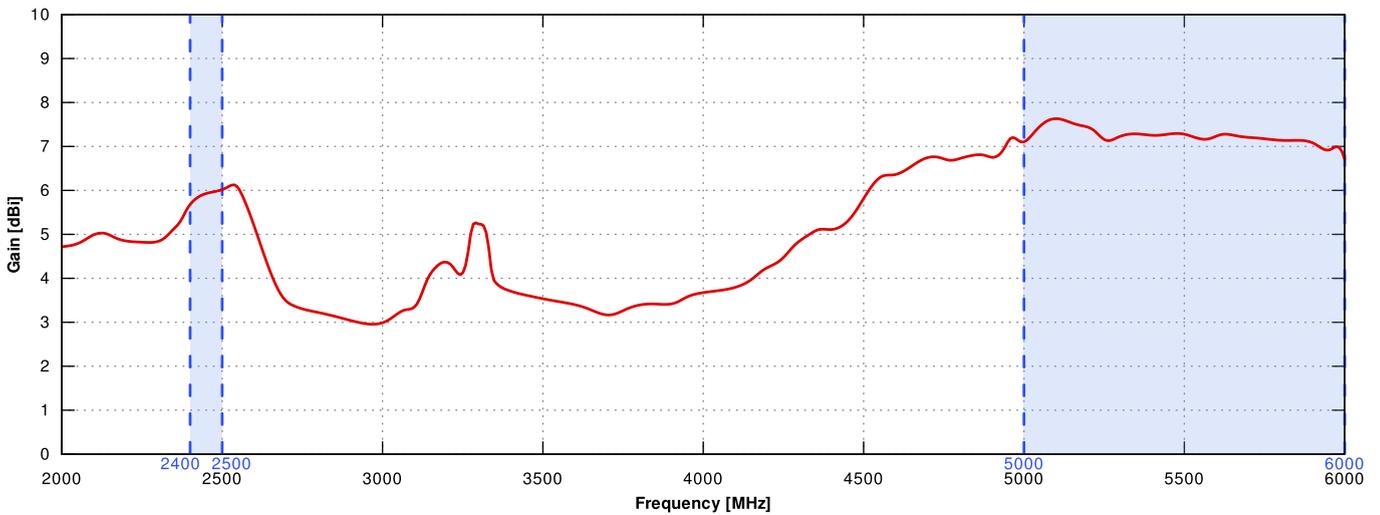
VSWR for LTE antenna 

### VSWR for Wi-Fi antenna

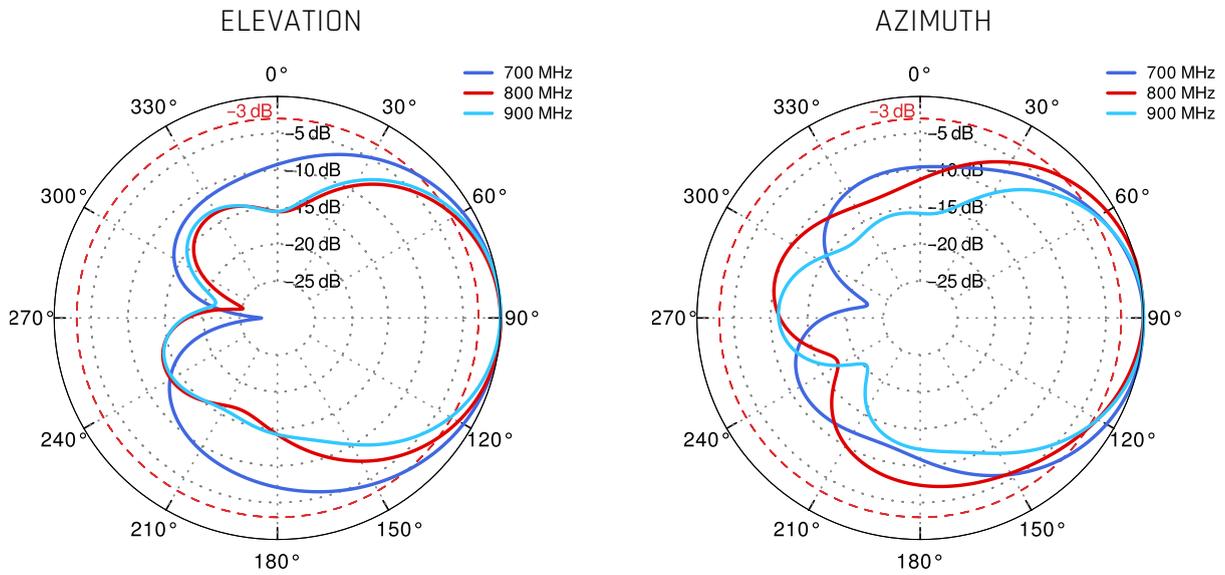


### Gain for LTE antenna

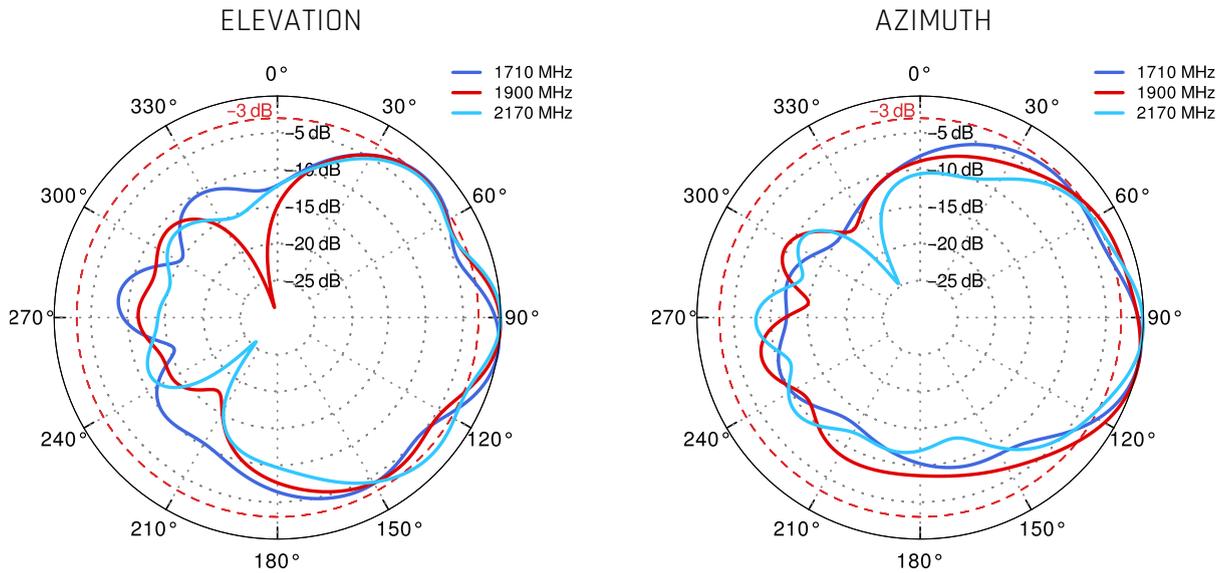
### Gain for Wi-Fi antenna



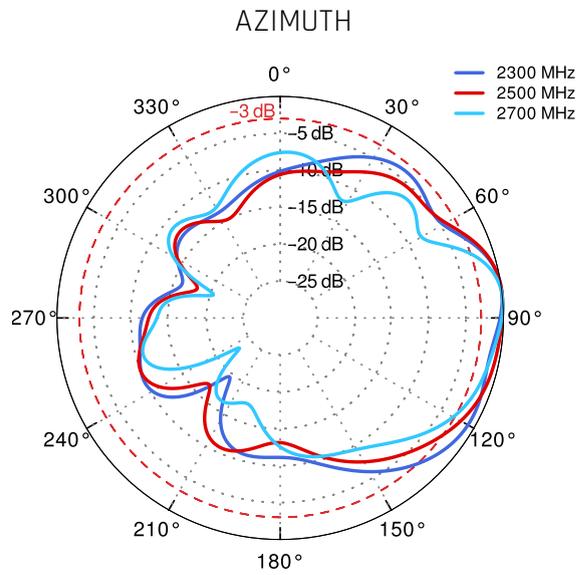
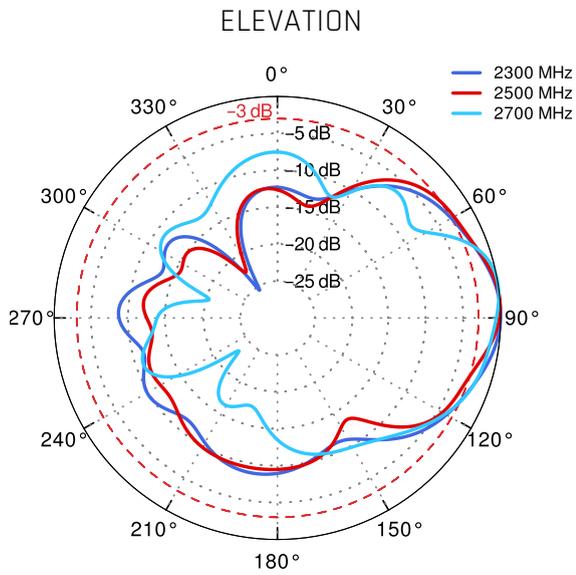
### From 700MHz to 900MHz



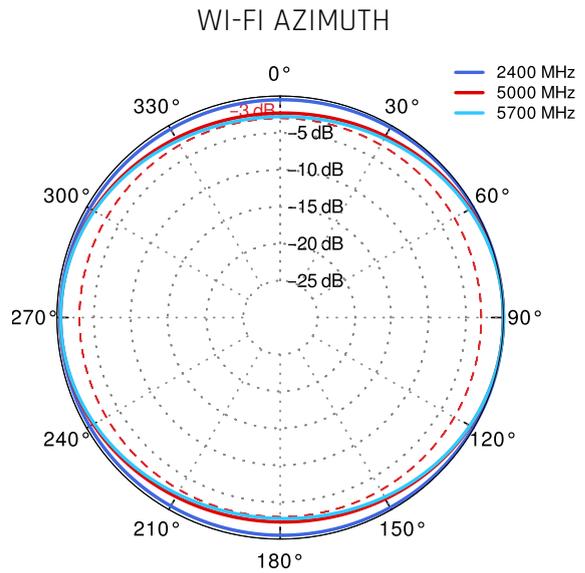
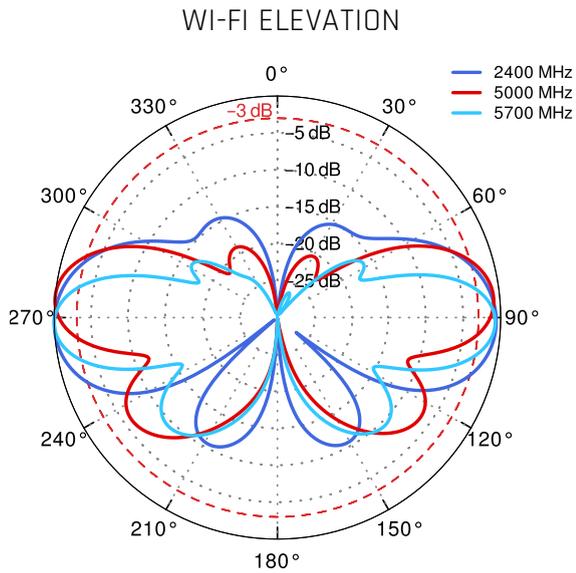
### From 1.71GHz to 2.17GHz



### From 2.3GHz to 2.7GHz



### From 2.4GHz to 5GHz



## **DIMENSIONS**

