

# QuMax Omni for Teltonika TCR100

## INTEGRATED MULTI-BAND LTE OMNI ANTENNA + PLACE TO INSTALL Teltonika TCR100 (ALL-IN-ONE)

QuMax Omni all-in-one antenna for Teltonika TCR100 router is a perfect outdoor device for mobile and fixed installations like industrial, public, CCTV, hotspots, yachts, boats, campers, RV etc. It has embedded omni LTE antenna. If you use TCR100 with QuMax Omni antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.

**4G**  
LTE  
**694-2700MHz**  
**7 dBi**  
**OMNI  
DIRECTIONAL**  
**IP 67**  
**-40° TO +80°**

OUTDOOR ANTENNA WORKS IN ANY  
WEATHER CONDITIONS, IP67



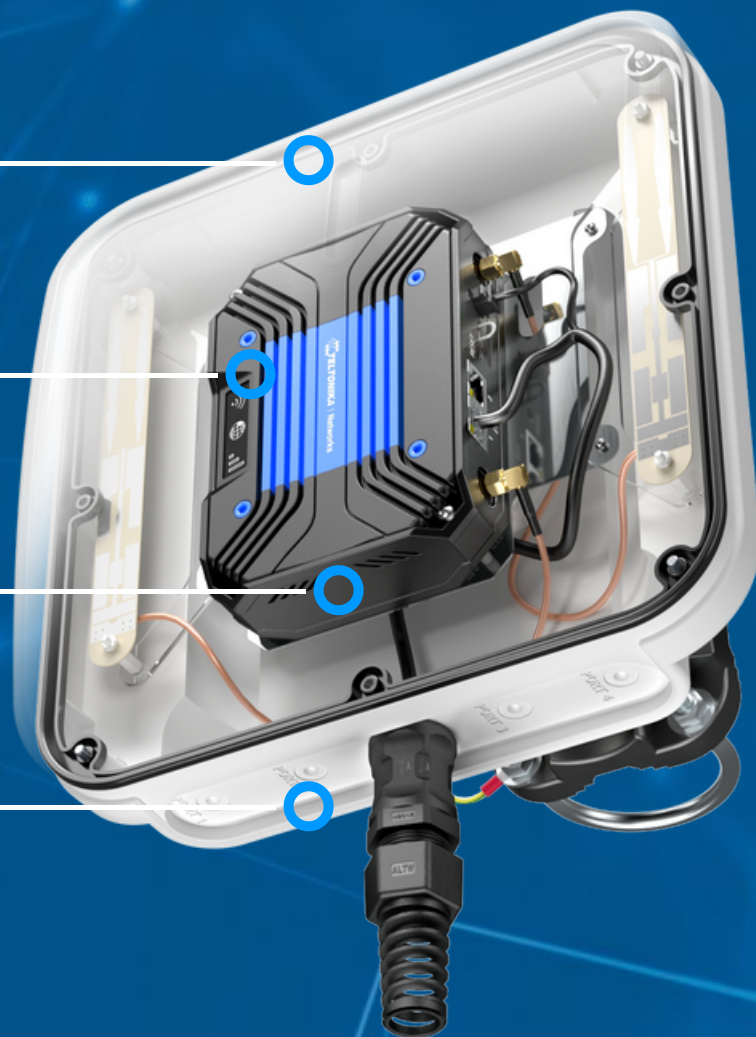
ANTENNA PERFECTLY MATCHED WITH  
THE TELTONIKA TCR100



ALL ANTENNAS AND TELTONIKA  
ROUTER INTEGRATED IN ONE  
ENCLOSURE



MADE IN **EUROPE**



## LTE SPECIFICATION

|                        |   |
|------------------------|---|
| FREQUENCY              | 0.694-0.96 GHz<br>1.7 - 2.2 GHz<br>2.5 - 2.7 GHz  |
| 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, 33, 34, 35, 36, 37, 38, 39, 44, 59, 62, 65, 66, 67, 68, 69, 85, n80, n81, n82, n83, n84, n86, n89, n95 |
| GAIN                   | 0.694 - 0.96 GHz : 4 dBi<br>1.7 - 2.2 GHz : 5 dBi<br>2.5 - 2.7 GHz : 6 dBi  |
| VSWR                   | <1.50, max <2.50  |
| BEAMWIDTH              | 360°/25° +/- 5°   |
| POLARIZATION           | Vertical  |
| IMPEDANCE              | 50 $\Omega$   |

## MECHANICAL SPECIFICATION

|                       |  |
|-----------------------|--|
| MATERIAL              | BS, aluminum, PTFE, Fiberglass                 |
| INGRESS PROTECTION    | IP67   |
| CONNECTOR TYPE        | RJ45   |
| DIMENSIONS            | 272 x 276 x 80 mm<br>10.71 x 10.87 x 3.14 inch |
| WEIGHT                | 1.8 kg<br>3.97 lbs                             |
| OPERATING TEMPERATURE | From -40°C to 75°C<br>From -40°F to 167°F      |

## MOUNTING KIT

### DIMENSIONS

9.9 x 10.5 x 14.8 cm  
3.9 x 4.13 x 5.83 inch

### REGULATION RANGE

+/- 30°

### MAST DIAMETER RANGE

25 - 60mm  
0.98-2.36 inch

### MATERIAL

Polyamide with fiberglass + galvanized steel U-Bolts

### WEIGHT

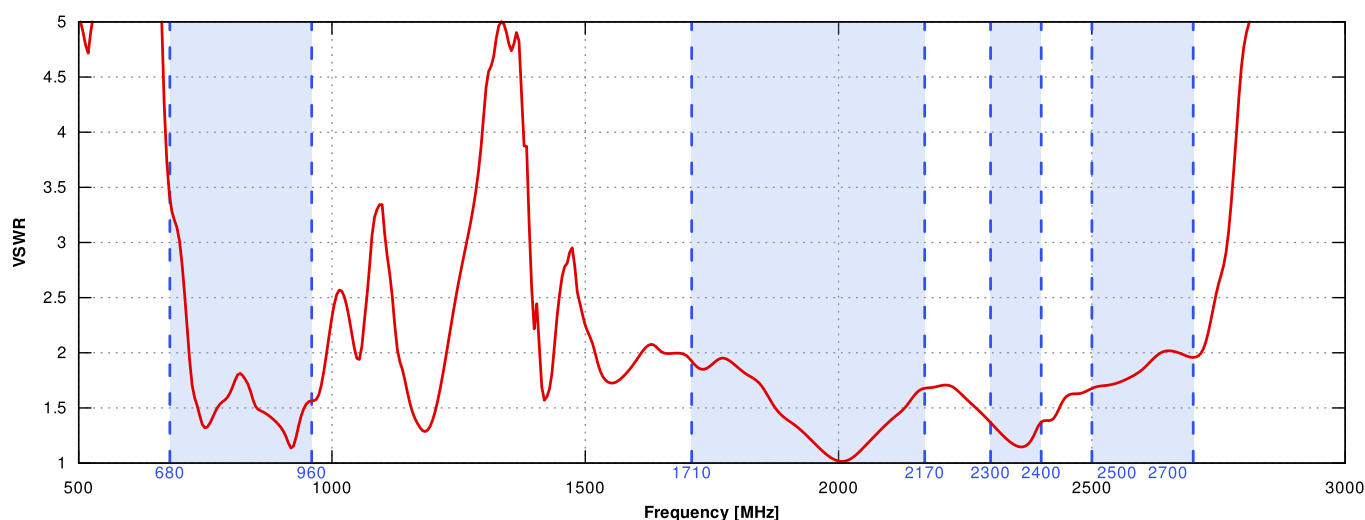
0.87kg

### MOUNTING PLACE

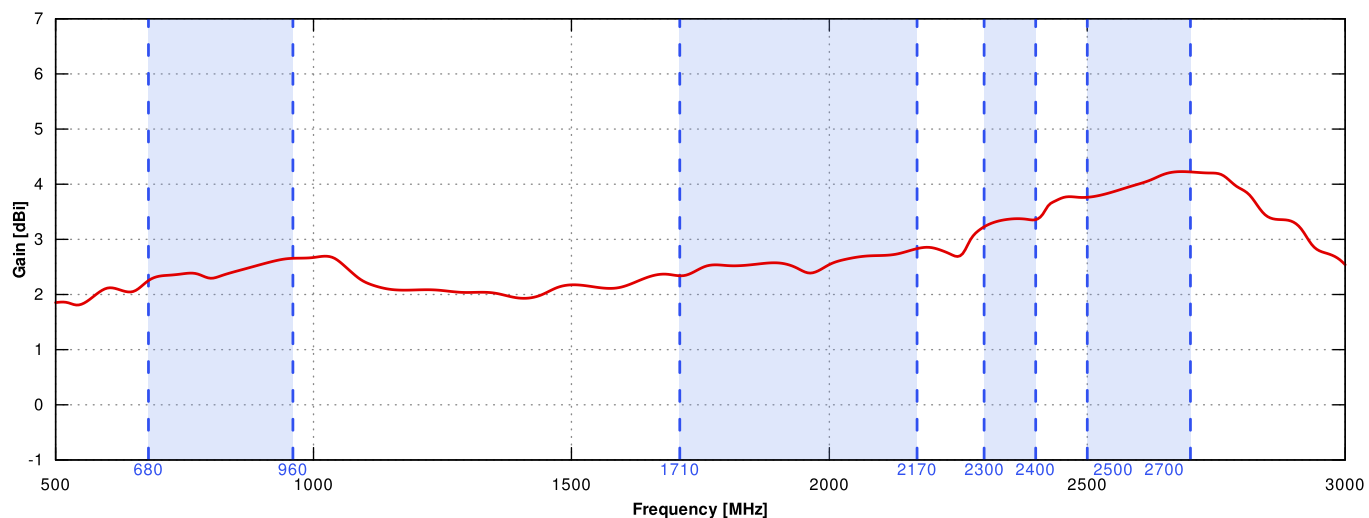
Wall or mast or ceiling

## PLOTS

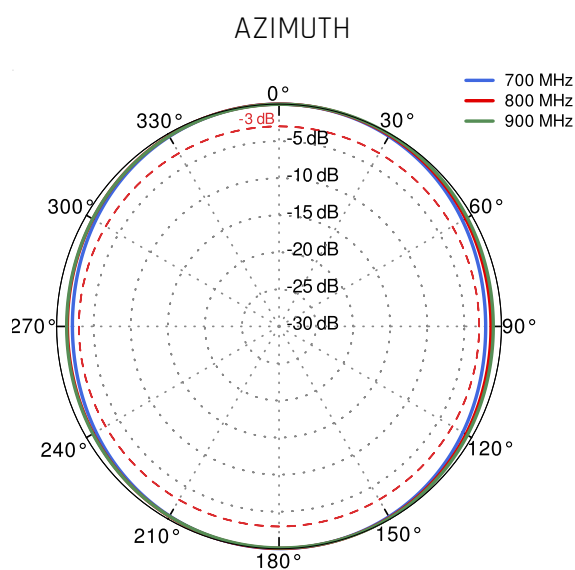
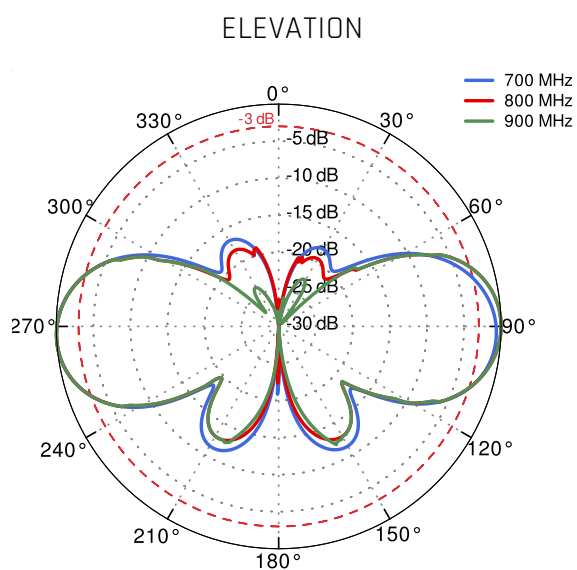
VSWR



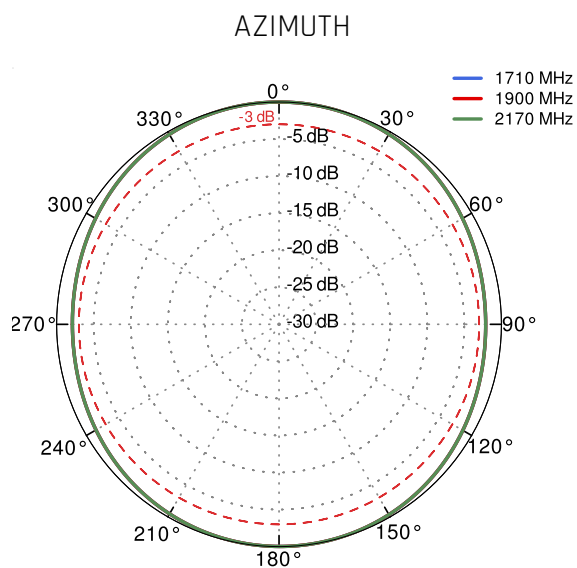
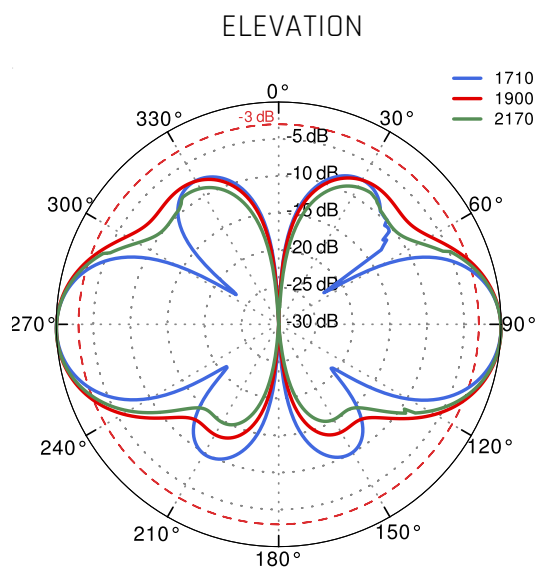
## Gain



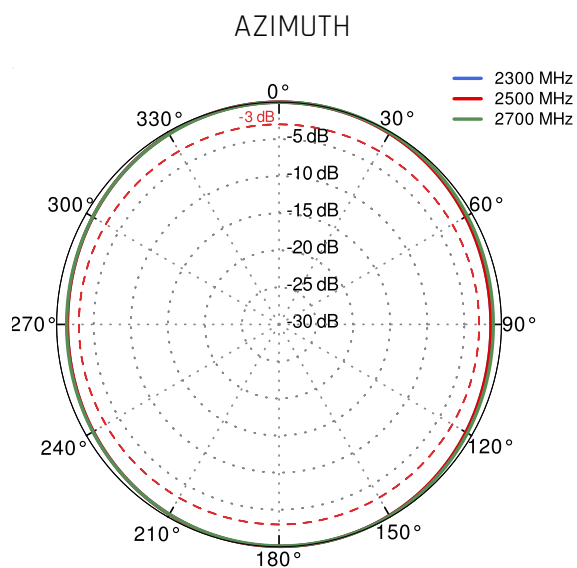
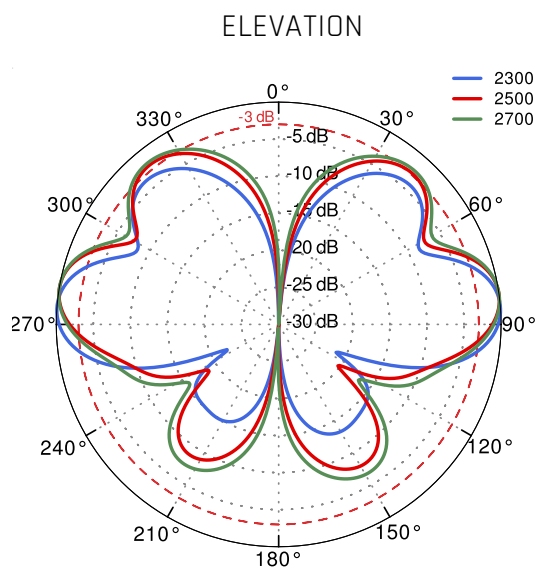
## From 700MHz to 900MHz



From 1.71GHz to 2.17GHz



From 2.3GHz to 2.7GHz



## DIMENSIONS

