

# QuMini for Teltonika TRB140

**Integrated small multi-band LTE omni antenna + place to install Teltonika TRB140 (All-in-one)**

QuMini omni LTE antenna for Teltonika **TRB140** router is a perfect and small outdoor device for mobile and fixed installations like industrial, CCTV, hotspots, yachts, boats, campers, RV etc. If you use **TRB140** with QuMini antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure. This antenna is also compatible with TRB141, TRB142, TRB143 and TRB145.

**4G**  
LTE  
**700-2700MHz**  
**3 dBi**  
**OMNI  
DIRECTIONAL**  
**IP 67**  
**-40° TO +80°**

ALL ANTENNAS AND TELTONIKA  
ROUTER INTEGRATED **IN ONE**  
**ENCLOSURE**



OUTDOOR ANTENNA WORKS IN **ANY**  
**WEATHER CONDITIONS**, IP67



ANTENNA **PERFECTLY MATCHED** WITH  
THE ROUTER



MADE IN **EUROPE**



## LTE ANTENNA SPECIFICATION

FREQUENCY	700 - 1000 MHz 1.7 - 2.2 GHz 2.5 - 2.7 GHz
SUPPORTED LTE/5G BANDS	1, 2, 3, 4, 5, 7, 8, 9, 10, 13, 14, 17, 18, 19, 20, 25, 26, 27, 28, 29, 33, 34, 35, 36, 37, 38, 39, 44, 65, 66, 67, 69, 103, n80, n81, n82, n83, n84, n86, n89, n95, n98, n100, n101, n255
GAIN	700 - 1000 MHz : 2 dBi 1.7 - 2.2 GHz : 2 dBi 2.5 - 2.7 GHz : 3 dBi
VSWR	<1.50, max <2.00
BEAMWIDTH	360°/25° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 $\Omega$

## MECHANICAL SPECIFICATION

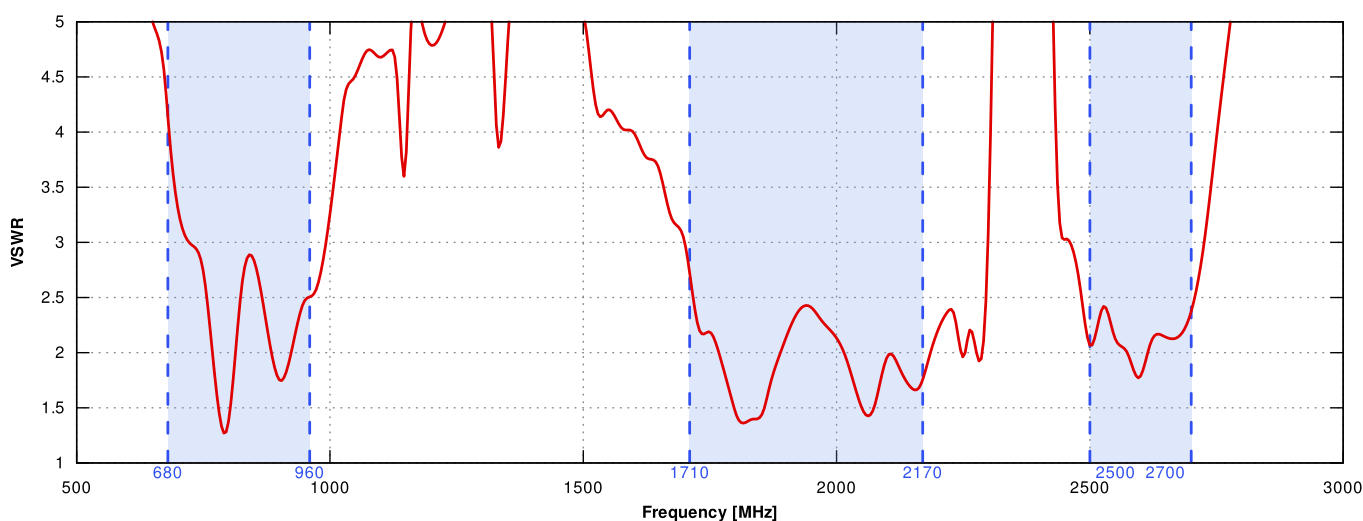
MATERIALS	ABS, polycarbonate, FR4
CONNECTOR TYPE	RJ45
INGRESS PROTECTION	IP67
DIMENSIONS	165 x 165 x 54 mm 6.50 x 6.50 x 2.12 inch
WEIGHT	0.8 kg 1.76 lbs
OPERATING TEMPERATURE	From -40°C to 80°C From -40°F to 176°F
MAST DIAMETER	40-66 mm 1.57-2.60 inch

## FREQUENCY BANDS

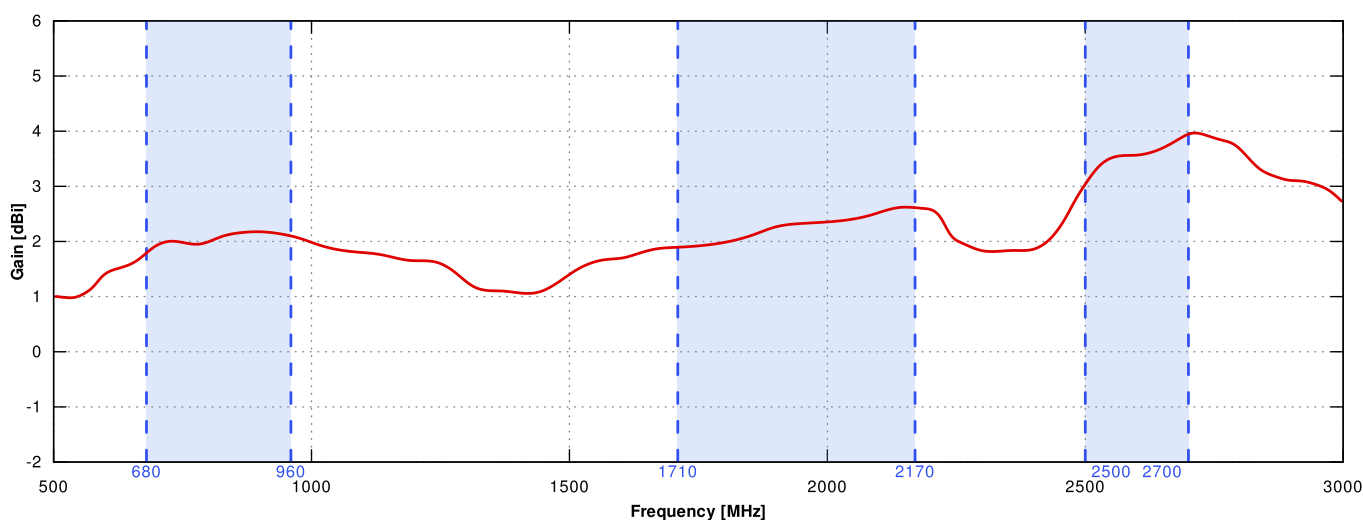
LTE / 4G GSM	<div>581213141718</div> <div>617 MHz19202627282944960 MHz</div> <div>67103n81n82n83n89n100</div>
LTE / 4G UMTS	<div>123491025</div> <div>1710 MHz333435363739n802170 MHz</div> <div>n84n86n95n98n101</div>
LTE / 4G	<div>2400 MHz738692700 MHz</div>

## PLOTS

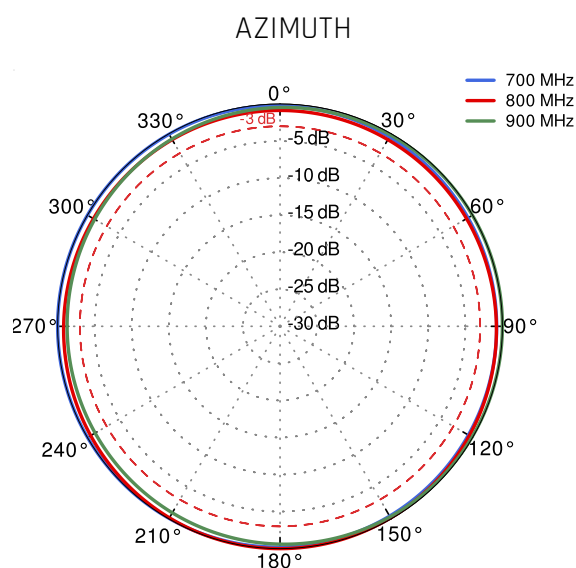
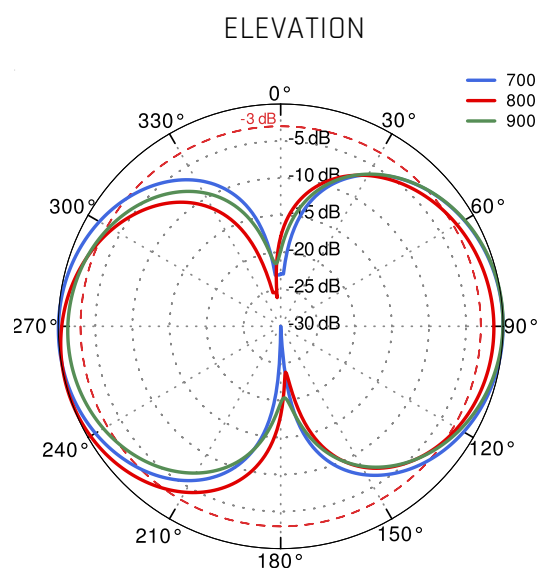
### VSWR for LTE antenna



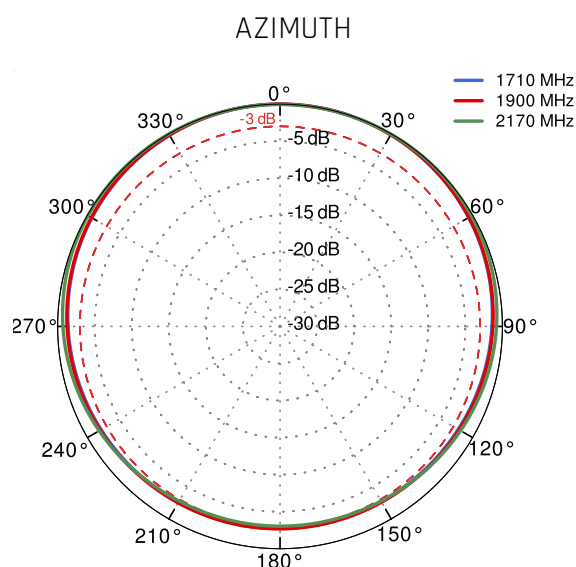
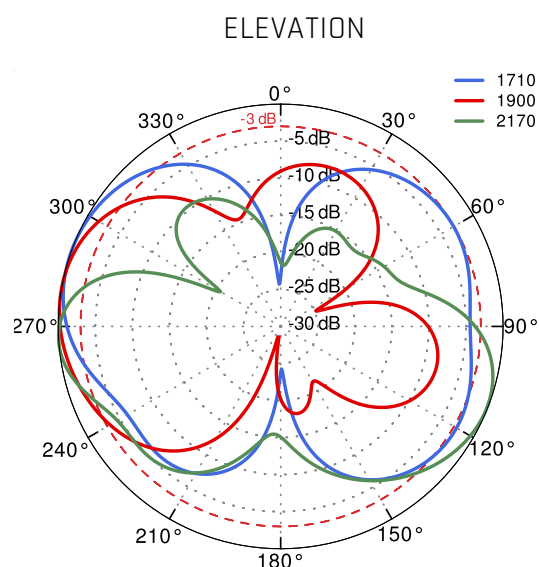
### Gain for LTE antenna



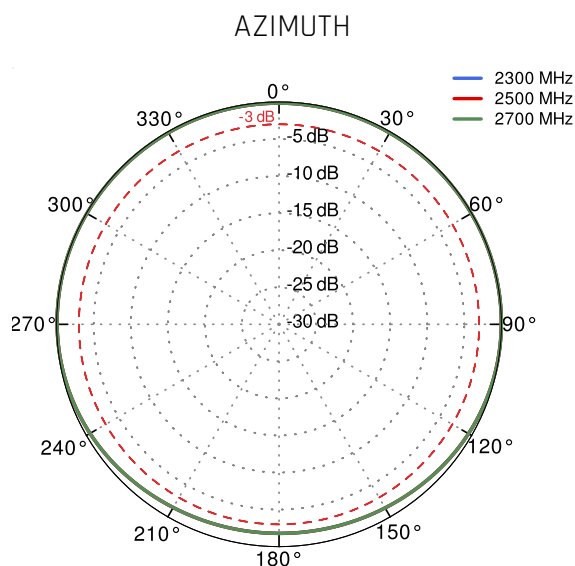
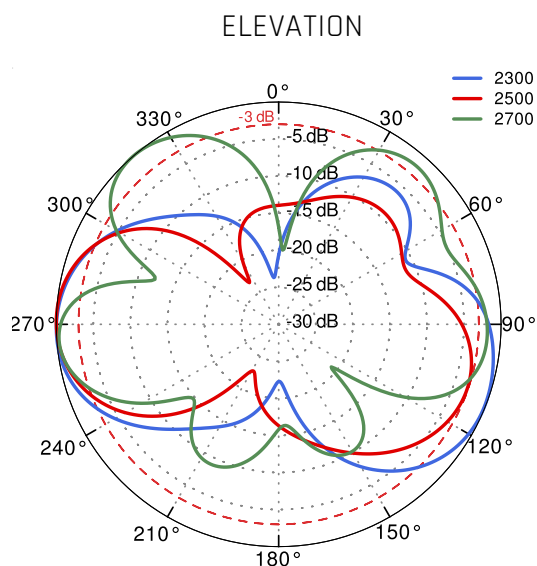
From 700MHz to 900MHz



From 1.71MHz to 2.17MHz



From 2.3GHz to 2.7GHz



## DIMENSIONS

