


# QuMax for TRB140

**Integrated outdoor multi band high power LTE directional antenna + place to install Teltonika TRB140 (All-in-one)**

QuMax 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 **TRB140** router installed inside IP67 enclosure. It is the first choice for fixed installations in industrial environment.

This antenna is also compatible with TRB141, TRB142, TRB143 and TRB145.

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

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



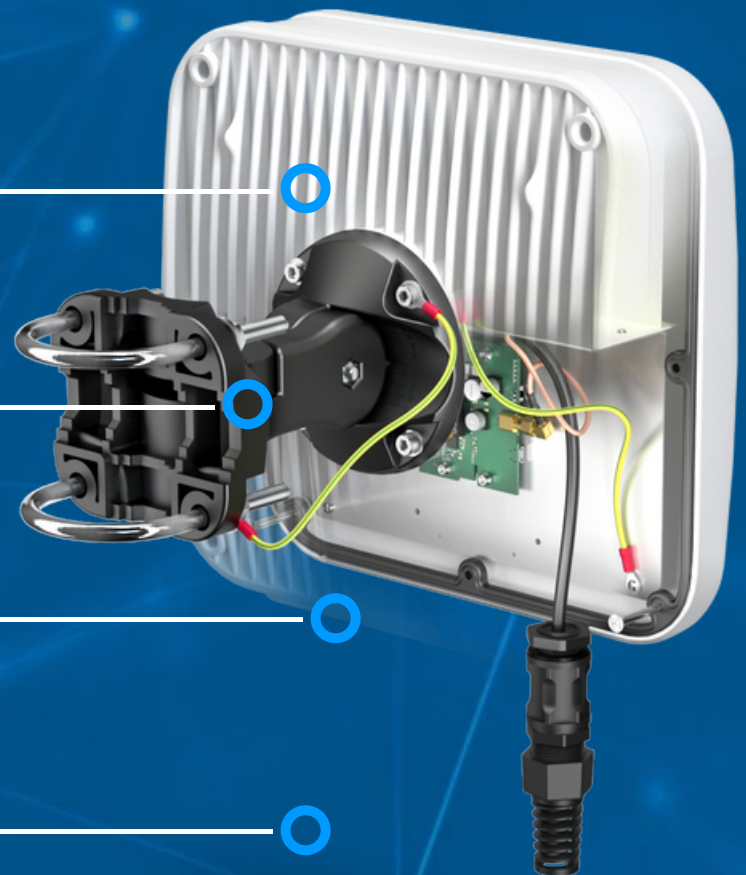
OUTDOOR ANTENNA WORKS IN **ANY**  
WEATHER CONDITIONS, IP67



ANTENNA **PERFECTLY MATCHED** WITH  
THE ROUTER



MADE IN **EUROPE**



## LTE ANTENNA SPECIFICATION

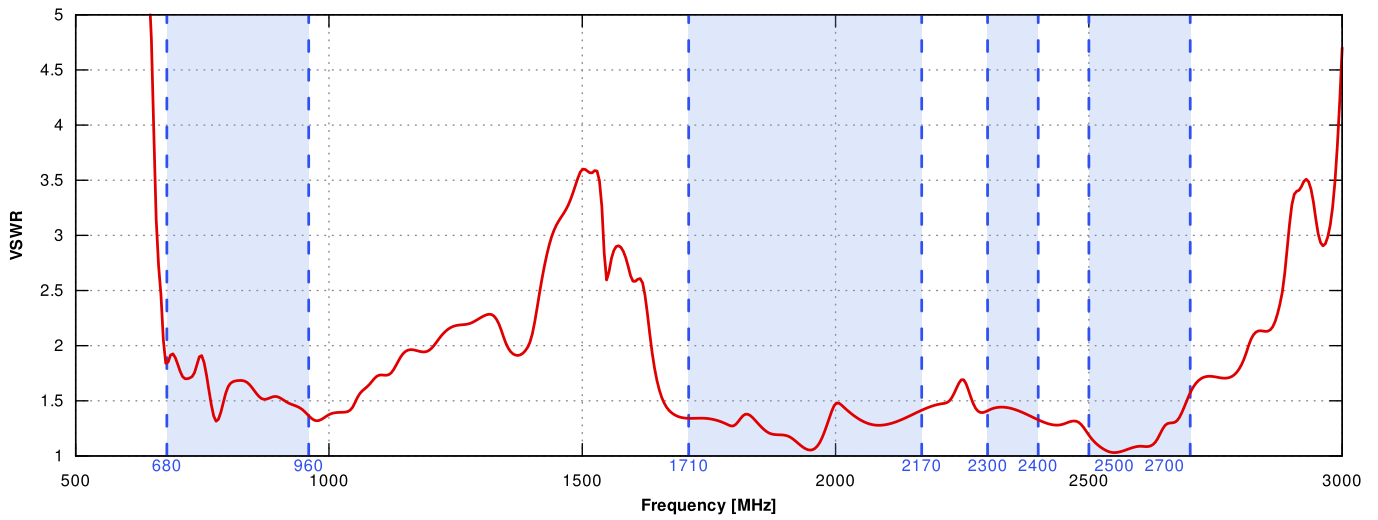
<b>FREQUENCY</b>	0.694 - 0.96 GHz 1.7 - 2.2 GHz 2.2 - 2.7 GHz
<b>SUPPORTED LTE/5G BANDS</b>	1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 44, 53, 65, 66, 67, 68, 69, 85, 103, n80, n81, n82, n83, n84, n85, n89, n90, n95, n97, n98, n100, n101, n256
<b>GAIN</b>	0.694 - 0.96 GHz : 4 dBi 1.7 - 2.2 GHz : 5 dBi 2.2 - 2.7 GHz : 6 dBi
<b>FRONT-TO-BACK</b>	>8 dB
<b>VSWR</b>	<1.30, max <1.80
<b>BEAMWIDTH</b>	90°/90° ±30°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω

## MECHANICAL SPECIFICATION

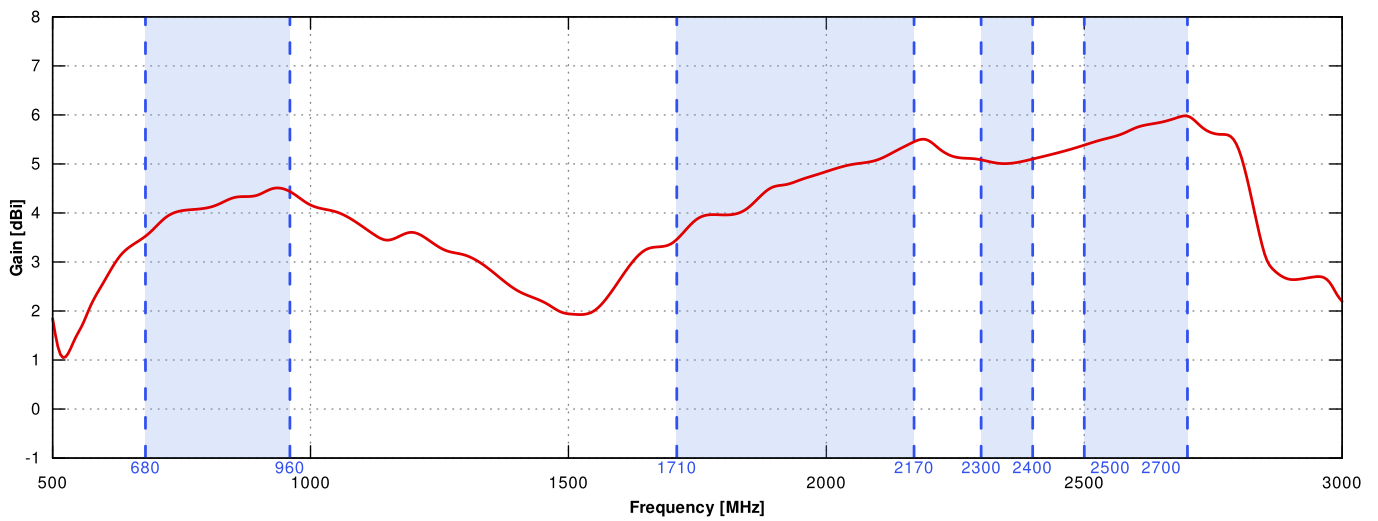
<b>MATERIALS</b>	ABS, aluminum, PTFE, Fiberglass
<b>CONNECTOR TYPE</b>	RJ45
<b>INGRESS PROTECTION</b>	IP67
<b>DIMENSIONS</b>	272 x 276 x 96 mm 10.71 x 10.87 x 3.78 inch
<b>WEIGHT</b>	1.8 kg 3.97 lbs
<b>OPERATING TEMPERATURE</b>	From -40°C to 80°C From -40°F to 176°F
<b>ENCLOSURE RECOMMENDED TIGHTENING TORQUE</b>	0.6 - 0.8 Nm
<b>MAST DIAMETER</b>	25-66mm 0.98-2.60 inch

# PLOTS

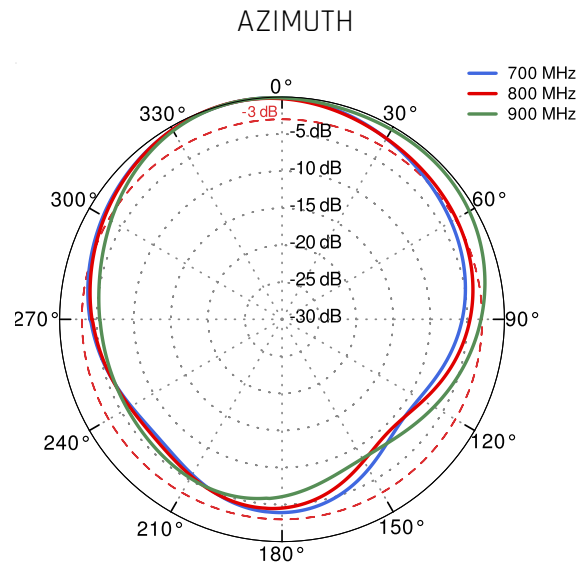
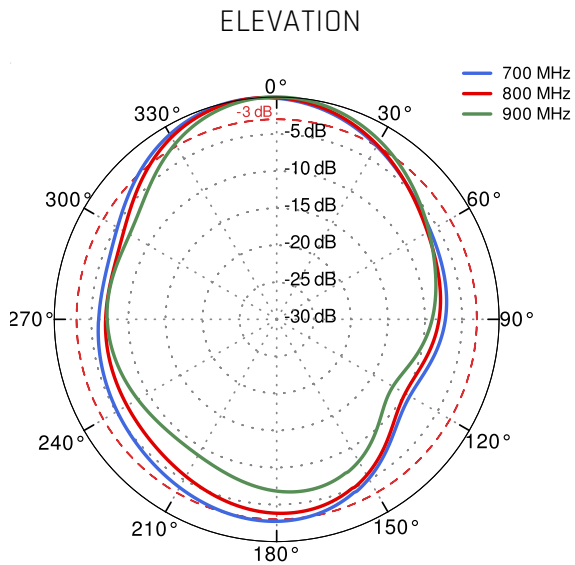
## VSWR



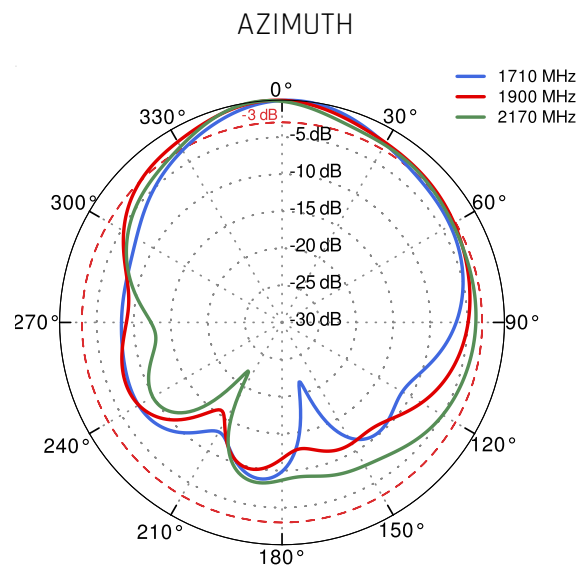
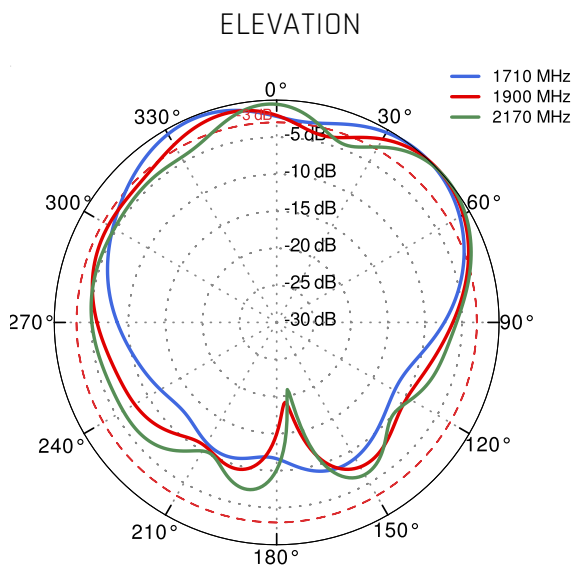
## GAIN



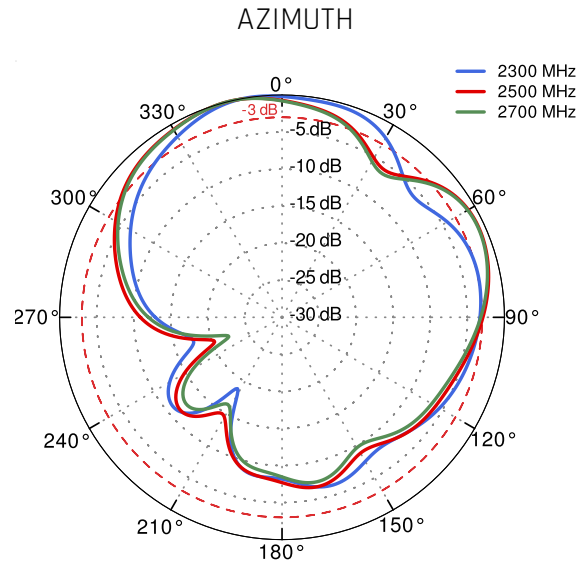
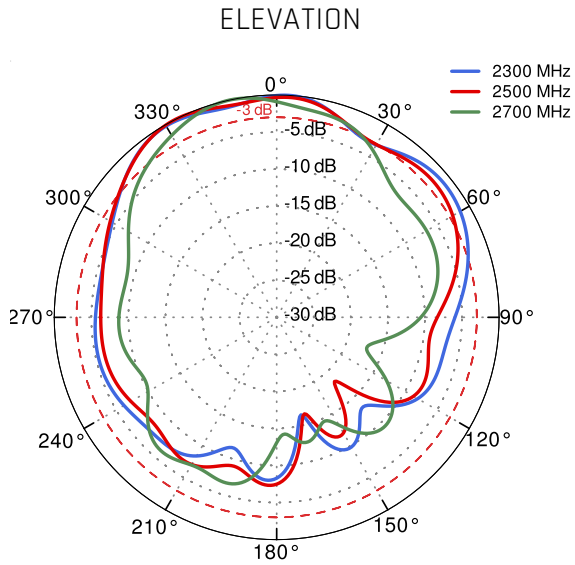
### From 700MHz to 900MHz



### From 1.71GHz to 2.17GHz



From 2.3GHz to 2.7GHz



## DIMENSIONS

