

# 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



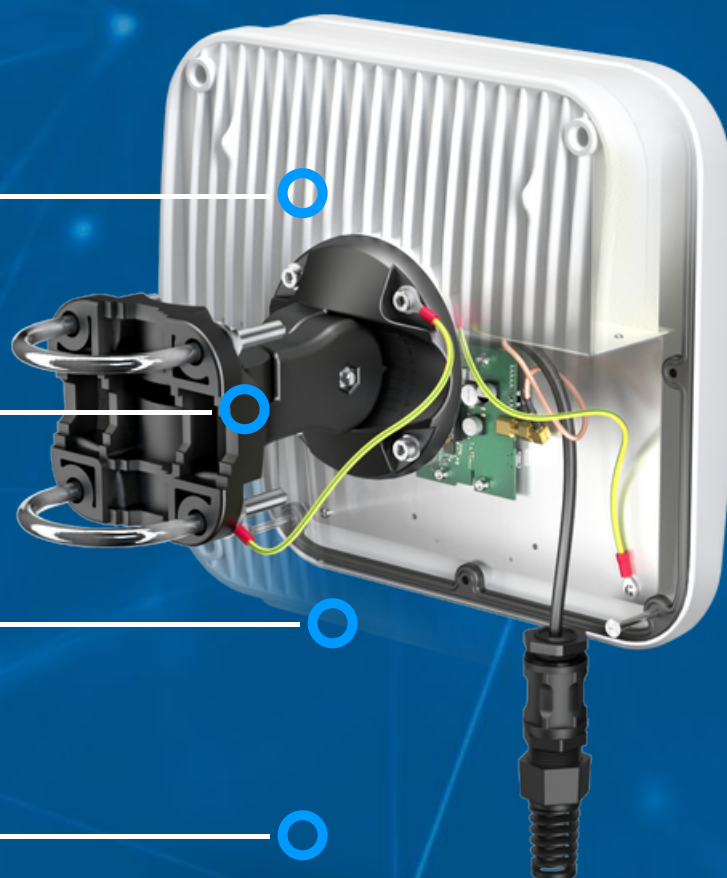
OUTDOOR ANTENNA WORKS IN **ANY**  
WEATHER CONDITIONS, IP67



ANTENNA **PERFECTLY MATCHED** WITH  
THE ROUTER



MADE IN **EUROPE**



## LTE ANTENNA SPECIFICATION

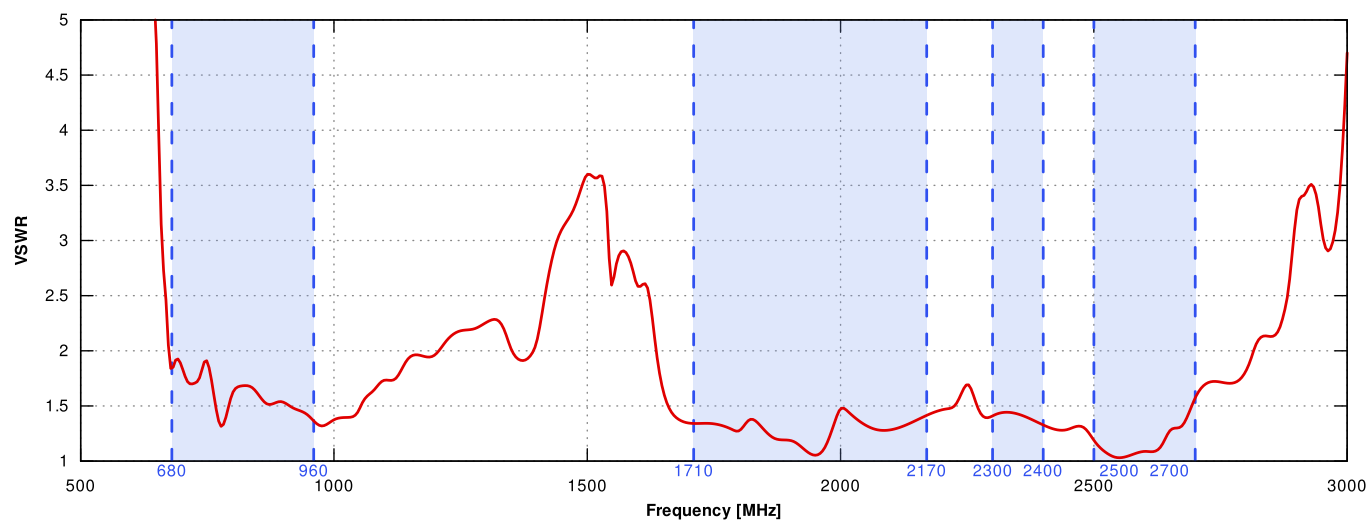
|                        |  |
|------------------------|--|
| FREQUENCY              | 0.694 - 0.96 GHz<br>1.7 - 2.2 GHz<br>2.2 - 2.7 GHz   |
| SUPPORTED LTE/5G BANDS | 1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 44, 53, 65, 66, 67, 68, 69, 85, 103, n80, n81, n82, n83, n84, n86, n89, n90, n95, n97, n98, n100, n101, n256 |
| GAIN                   | 0.694 - 0.96 GHz : 4 dBi<br>1.7 - 2.2 GHz : 5 dBi<br>2.2 - 2.7 GHz : 6 dBi   |
| FRONT-TO-BACK          | >8 dB  |
| VSWR                   | <1.30, max <1.80   |
| BEAMWIDTH              | 90°/90° ±30°   |
| POLARIZATION           | Vertical   |
| IMPEDANCE              | 50 $\Omega$  |

## MECHANICAL SPECIFICATION

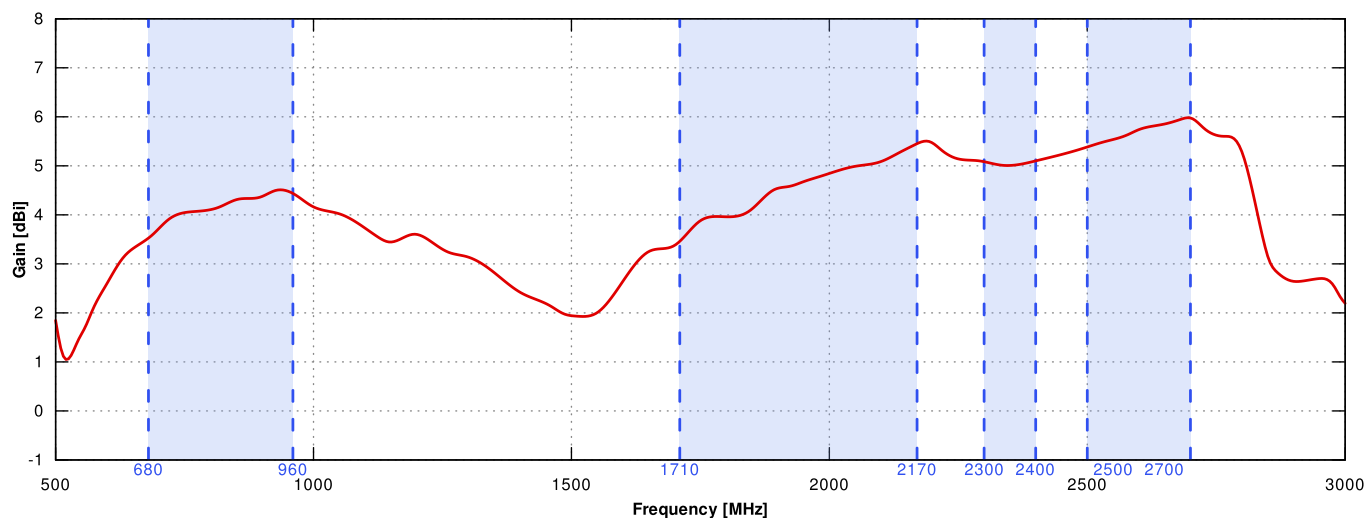
|                       |  |
|-----------------------|--|
| MATERIALS             | ABS, aluminum, PTFE, Fiberglass                |
| CONNECTOR TYPE        | RJ45   |
| INGRESS PROTECTION    | IP67   |
| DIMENSIONS            | 272 x 276 x 96 mm<br>10.71 x 10.87 x 3.78 inch |
| WEIGHT                | 1.8 kg<br>3.97 lbs                             |
| OPERATING TEMPERATURE | From -40°C to 80°C<br>From -40°F to 176°F      |
| MAST DIAMETER         | 25-60mm<br>0.98-2.36 inch                      |

## PLOTS

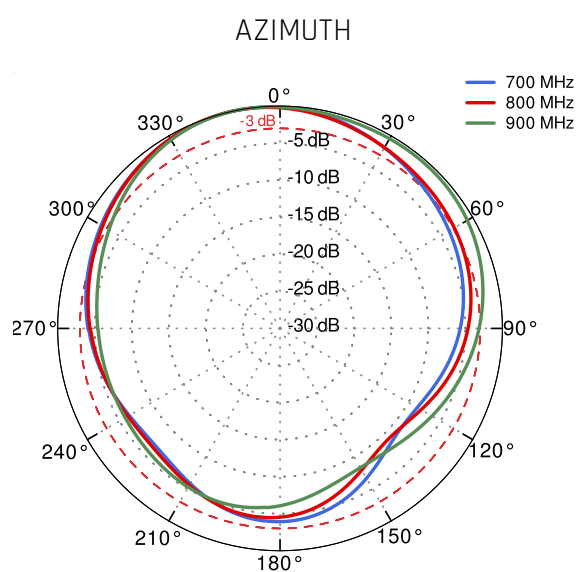
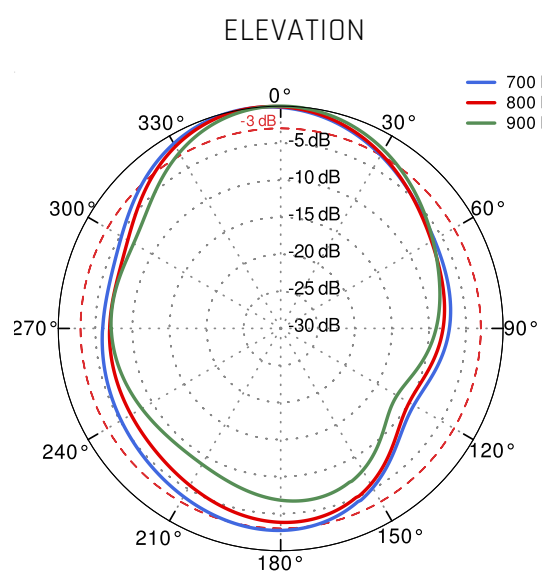
VSWR 



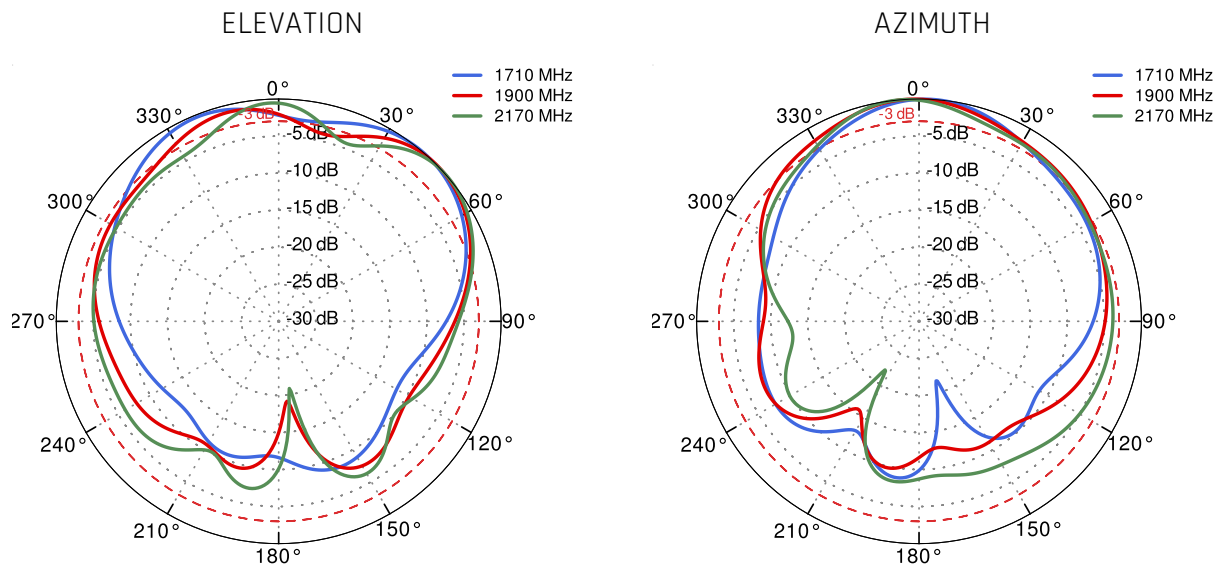
## GAIN



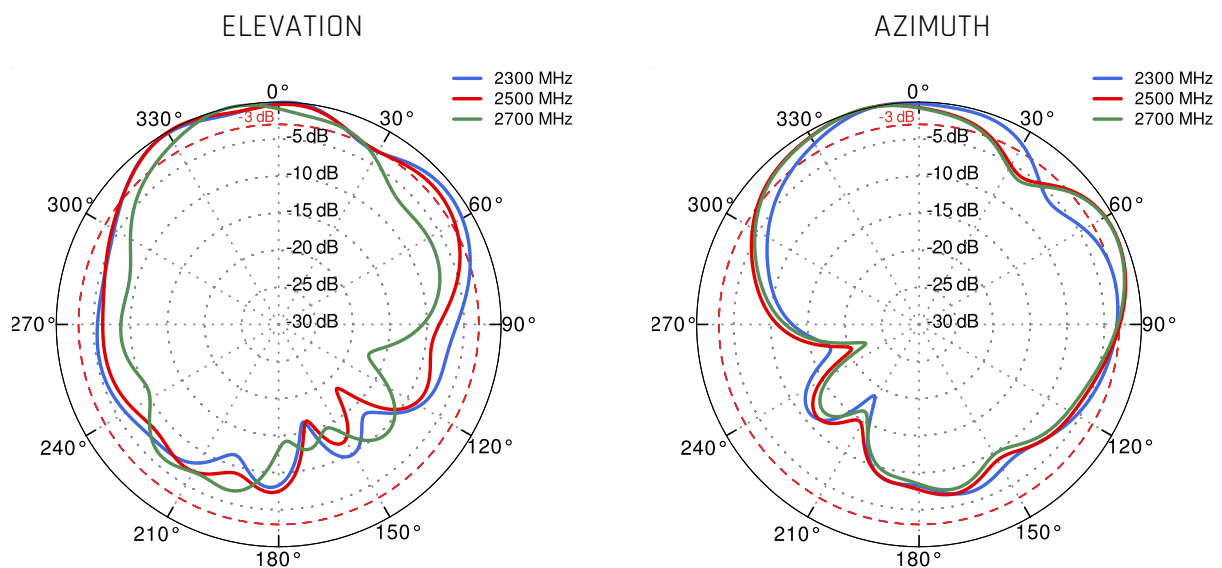
## From 700MHz to 900MHz



## From 1.71GHz to 2.17GHz



## From 2.3GHz to 2.7GHz



## DIMENSIONS

