

# QuMax for Teltonika RUTX10

QuMAX offers the most powerful Wi-Fi dual band 2.4 & 5 GHz sector antenna of all QuWireless antennas. It is dedicated to hotspots and fixed networks base stations with big coverage. It is designed to have Teltonika RUTX10 router installed inside IP67 enclosure. It is the first choice for fixed installations in industrial environment. It has embedded also Bluetooth sector antenna.

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This product is also compatible with **RUTM10**. If used with RUTM10, the Bluetooth antenna is unused.



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



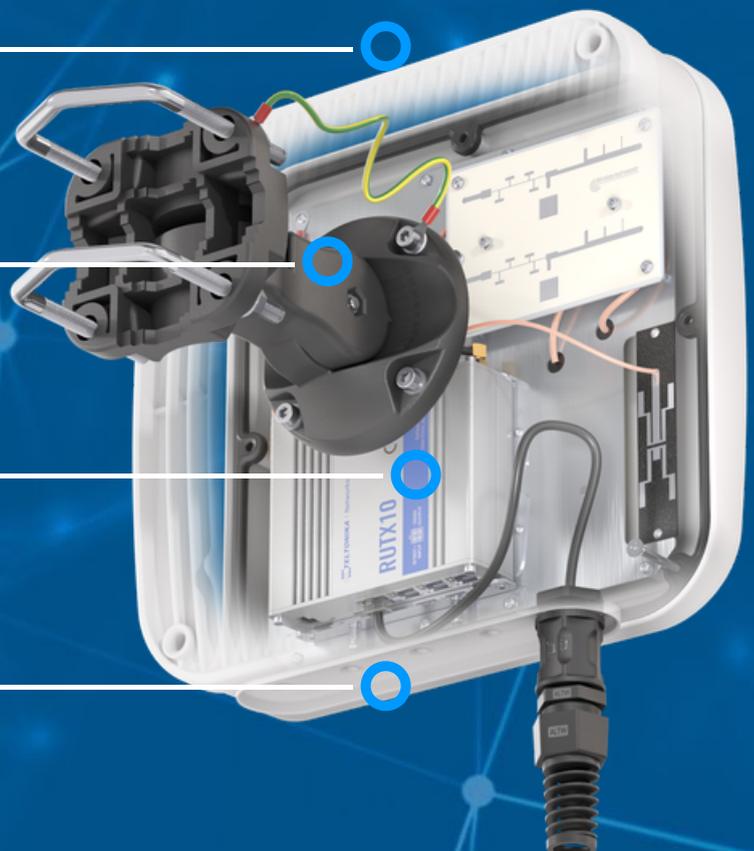
OUTDOOR ANTENNA WORKS IN **ANY WEATHER CONDITIONS**, IP67



ANTENNA **PERFECTLY MATCHED** WITH THE ROUTER



MADE IN **EUROPE**



## WI-FI ANTENNA SPECIFICATION

|                      |  |
|----------------------|--|
| <b>FREQUENCY</b>     | 2.4 - 2.5 GHz<br>5.1 - 7.125 GHz                             |
| <b>GAIN</b>          | 2.4 - 2.5 GHz : 12 dBi<br>5.1 - 7.125 GHz : 14 dBi           |
| <b>VSWR</b>          | < 2.00   |
| <b>BEAMWIDTH</b>     | 2.4 - 2.5 GHz - 90°/30° ±5°<br>5.1 - 7.125 GHz - 90°/16° ±5° |
| <b>POLARIZATION</b>  | Horizontal<br>Vertical                                       |
| <b>IMPEDANCE</b>     | 50 Ω   |
| <b>FRONT-TO-BACK</b> | > 20 dB<br>> 25 dB   |

## BLUETOOTH ANTENNA SPECIFICATION

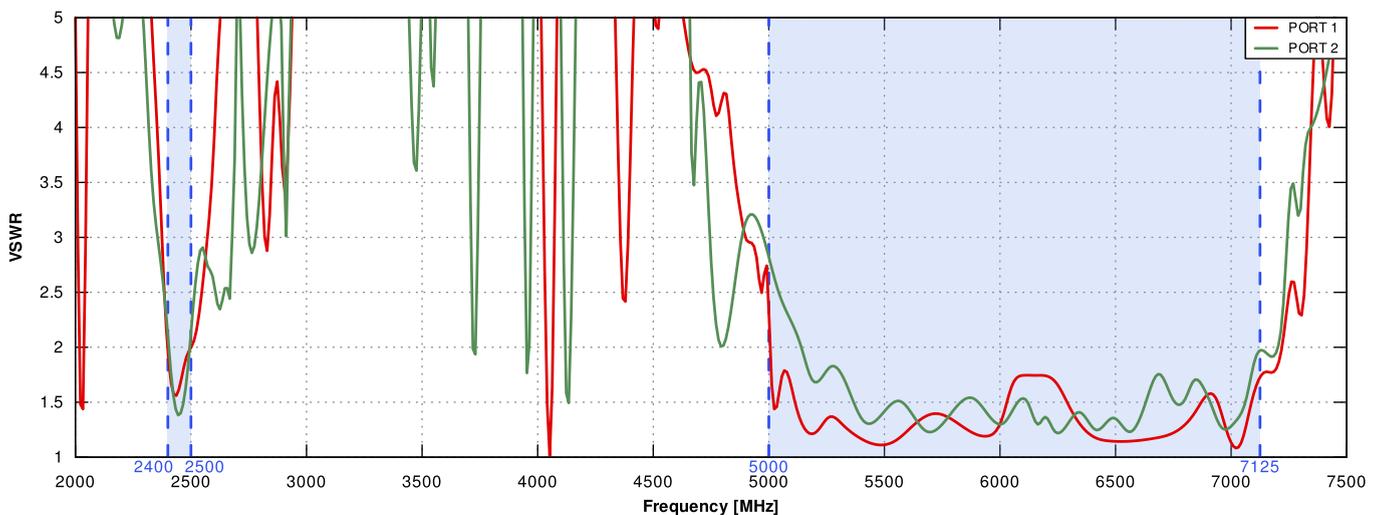
|                     |                  |
|---------------------|------------------|
| <b>FREQUENCY</b>    | 2.30 - 2.60 GHz  |
| <b>GAIN</b>         | 3 dBi            |
| <b>VSWR</b>         | <1.70, max <2.00 |
| <b>BEAMWIDTH</b>    | 360°/25° ±5°     |
| <b>POLARIZATION</b> | Vertical         |
| <b>IMPEDANCE</b>    | 50 Ω             |

# MECHANICAL SPECIFICATION

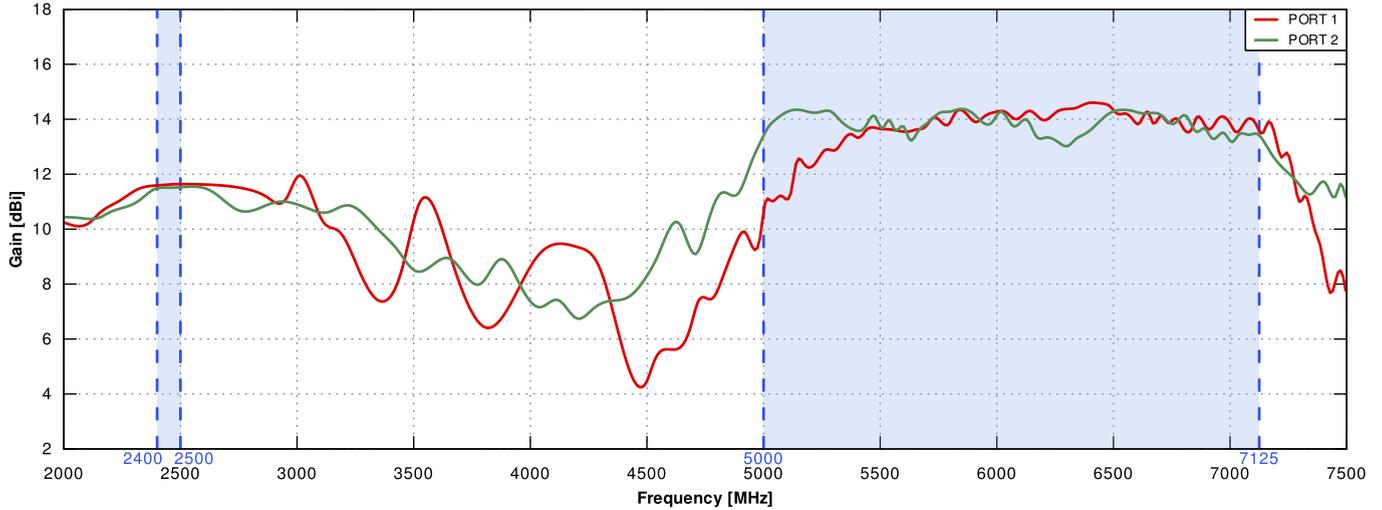
|                              |  |
|------------------------------|--|
| <b>MATERIALS</b>             | ABS, aluminum, PTFE, Fiberglass                |
| <b>CONNECTOR TYPE</b>        | RJ45   |
| <b>INGRESS PROTECTION</b>    | IP67   |
| <b>DIMENSIONS</b>            | 272 x 276 x 96 mm<br>10.71 x 10.87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

# PLOTS

VSWR

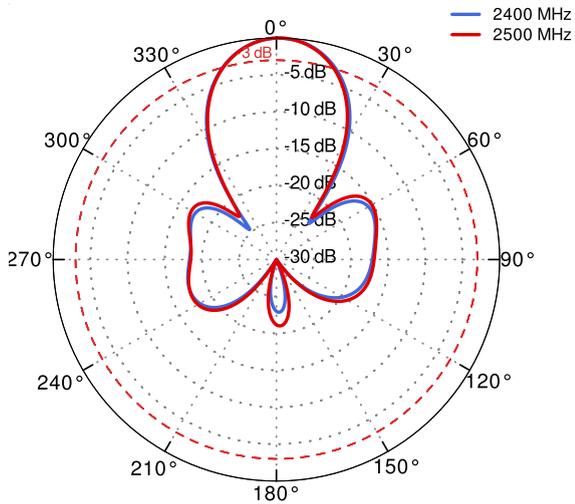


**GAIN**

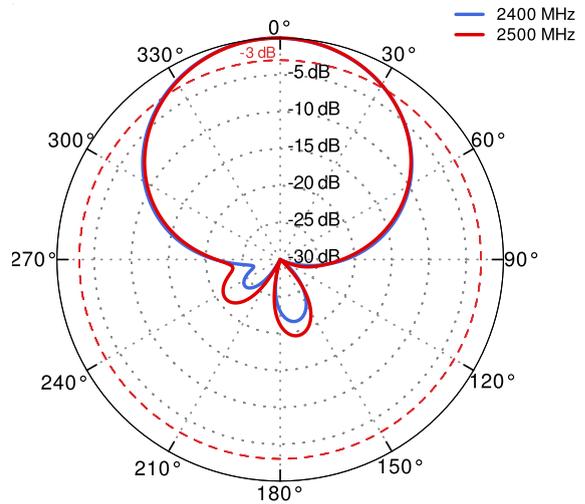


**Wi-Fi from 2.4GHz to 2.5GHz**

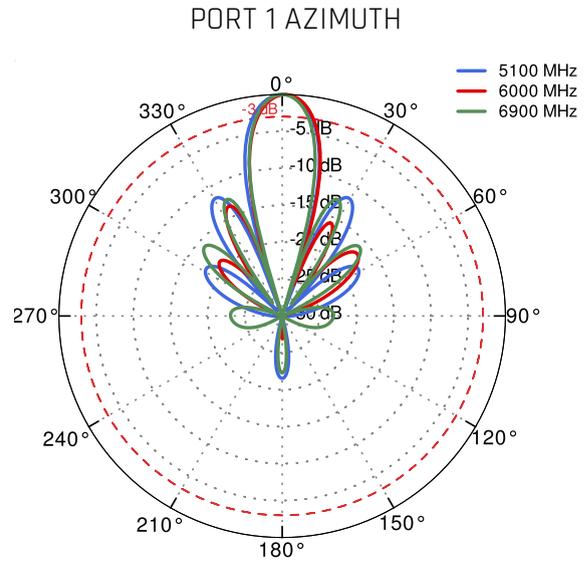
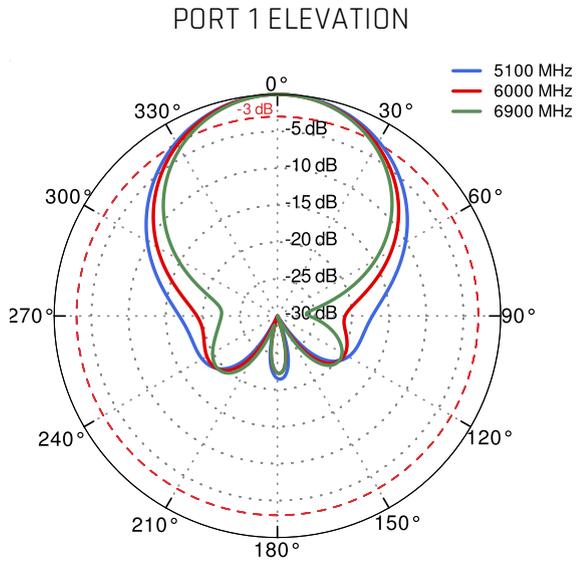
**PORT 1 ELEVATION**



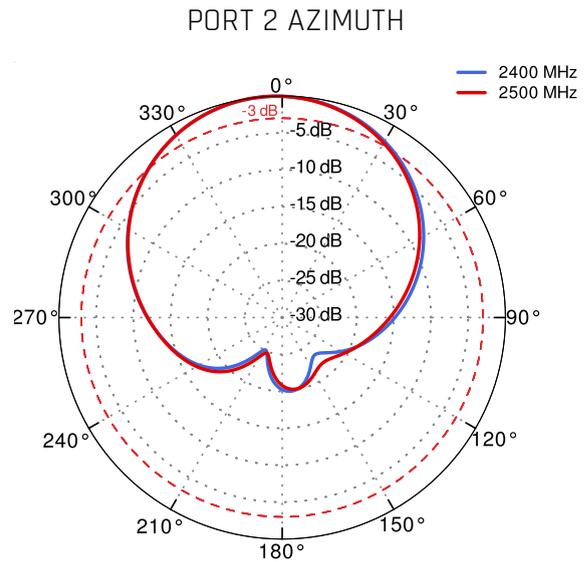
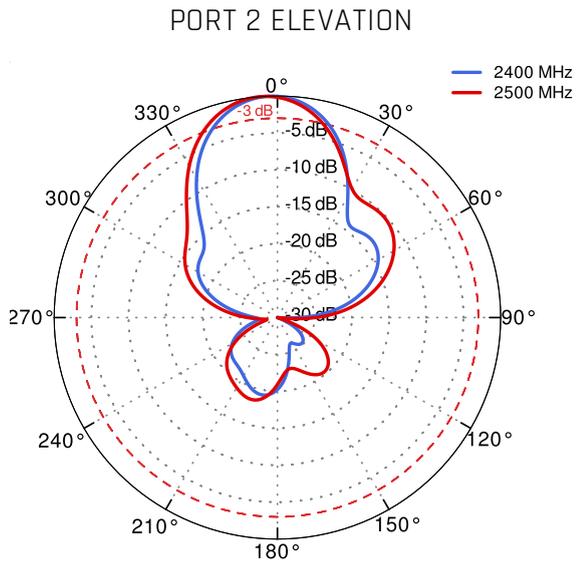
**PORT 1 AZIMUTH**



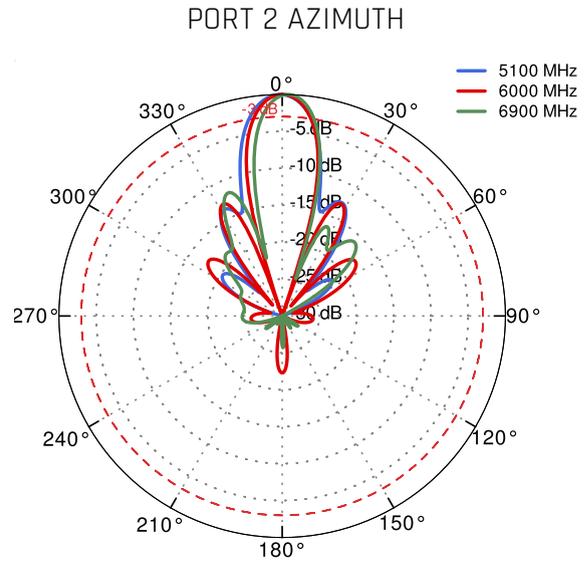
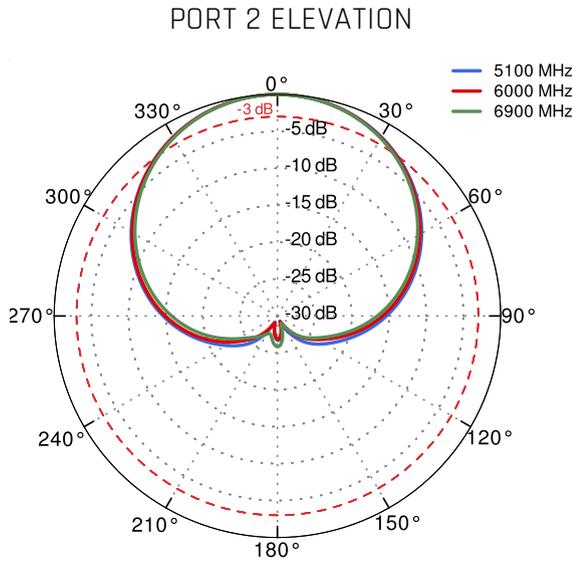
## Wi-Fi from 5.1GHz to 6.9 GHz



## Wi-Fi from 2.4GHz to 2.5GHz



Wi-Fi from 5.1GHz to 6.9GHz



**DIMENSIONS**

