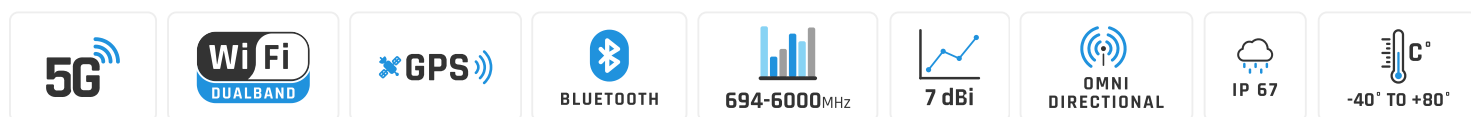


QuMax Omni for Robustel EG5120

INTEGRATED MULTI-BAND 5G OMNI ANTENNA + WIFI OMNI ANTENNA + BLUETOOTH ANTENNA + GPS ANTENNA + PLACE TO INSTALL ROBUSTEL EG5120 (ALL-IN-ONE)

QuMax Omni all-in-one antenna for Robustel EG5120 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 4*5G, 2*Wi-Fi, Bluetooth and GPS antenna. If you use EG5120 with QuMax Omni antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.

The set contains a [Passive PoE splitter](#), allowing you to split data and power from a single Ethernet cable and maintain gigabit transfer speeds while protecting the LAN port from damage caused by overvoltage, short circuit or improper connection.



OUTDOOR ANTENNA WORKS IN ANY WEATHER CONDITIONS, IP67



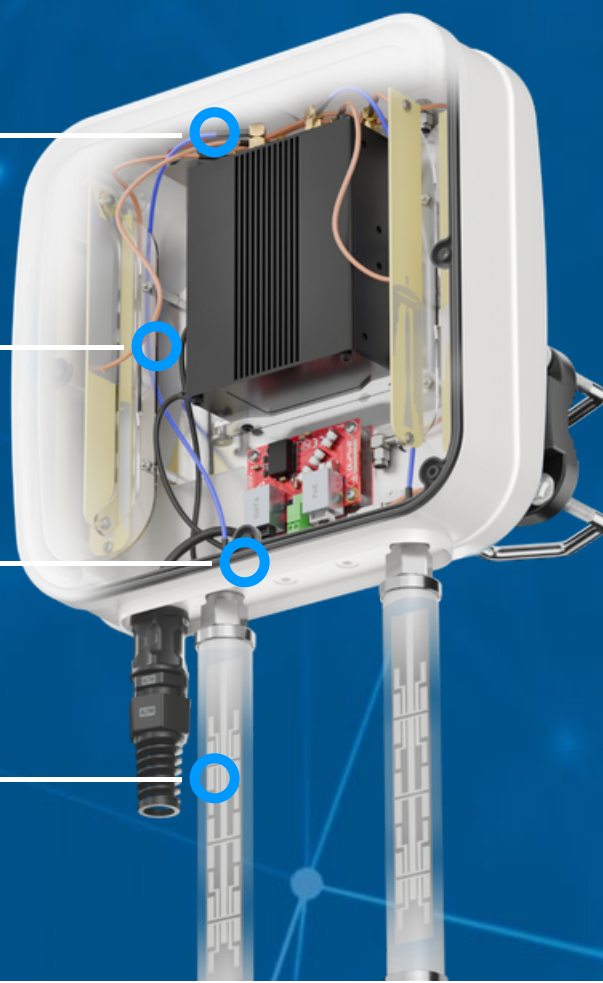
ANTENNA PERFECTLY MATCHED WITH THE ROBUSTEL EG5120



ALL ANTENNAS AND ROBUSTEL ROUTER INTEGRATED IN ONE ENCLOSURE



MADE IN EUROPE



5G / LTE SPECIFICATION

| | |
|---------------------|--|
| FREQUENCY | 617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.7 GHz 5.2 - 6.0 GHz |
| GAIN | 617 - 960 MHz : 3 dBi 1.7 - 2.7 GHz : 4 dBi 3.3 - 4.7 GHz : 4.5 dBi 5.2 - 6.0 : 2.5dBi |
| SUPPORTED LTE BANDS | 1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 22, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 47, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, 106 |
| SUPPORTED 5G BANDS | n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n47, n48, n53, n65, n66, n67, n71, n77, n78, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n100, n101, n256 |
| VSWR | <1.80, max <2.00 |
| BEAMWIDTH | 360°/35° +/- 5° |
| POLARIZATION | Vertical |
| IMPEDANCE | 50 Ω |

WI-FI SPECIFICATION

| | |
|--------------|---|
| FREQUENCY | 2.4 - 2.5 GHz 5.0 - 6.0 GHz |
| GAIN | 2.4 - 2.5 GHz: 6 dBi 4.7 - 6 GHz : 7 dBi |
| VSWR | <1.70, max <2.00 |
| BEAMWIDTH | 360°/25° +/- 5° |
| POLARIZATION | Vertical |
| IMPEDANCE | 50 Ω |

MECHANICAL SPECIFICATION

| | |
|-----------------------|--|
| MATERIAL | BS, aluminum, PTFE, Fiberglass |
| INGRESS PROTECTION | IP67 |
| CONNECTOR TYPE | RJ45 |
| DIMENSIONS | 272 x 276 x 96 mm 10.71 x 10.87 x 3.78 inch |
| WEIGHT | 1.8 kg 3.97 lbs |
| OPERATING TEMPERATURE | From -40°C to 75°C 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

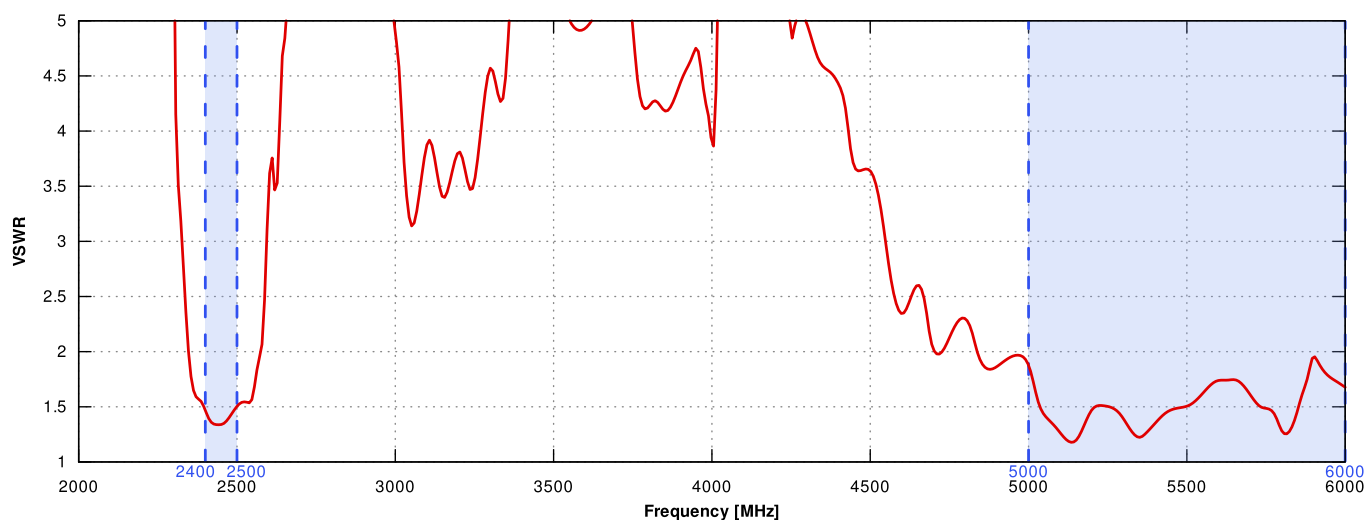
Wall or mast or ceiling

PLOTS

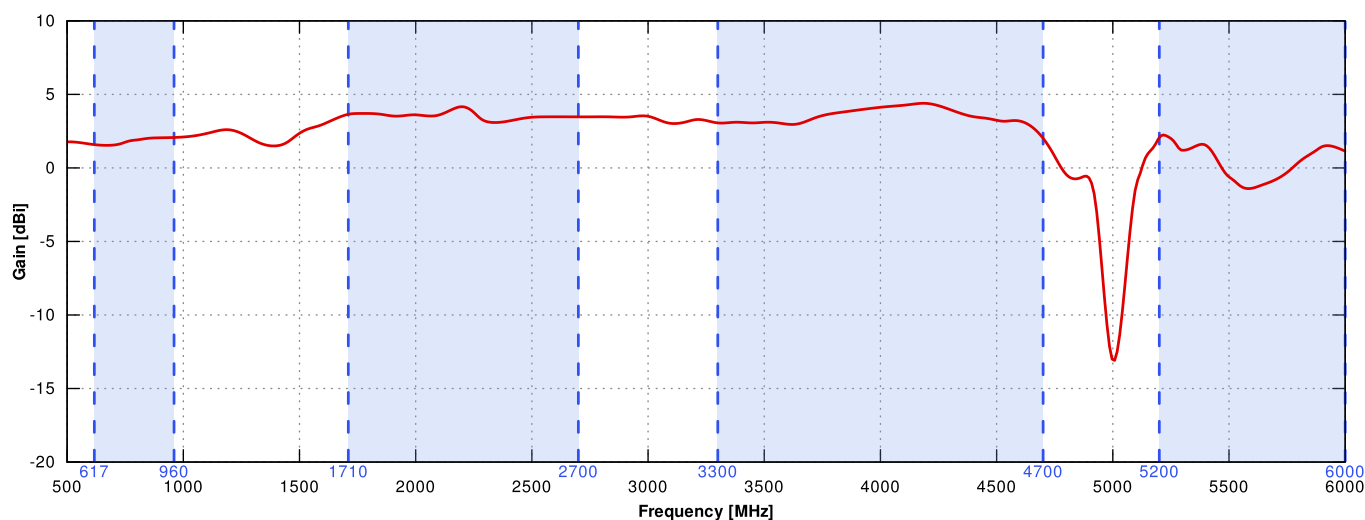
5G/LTE VSWR



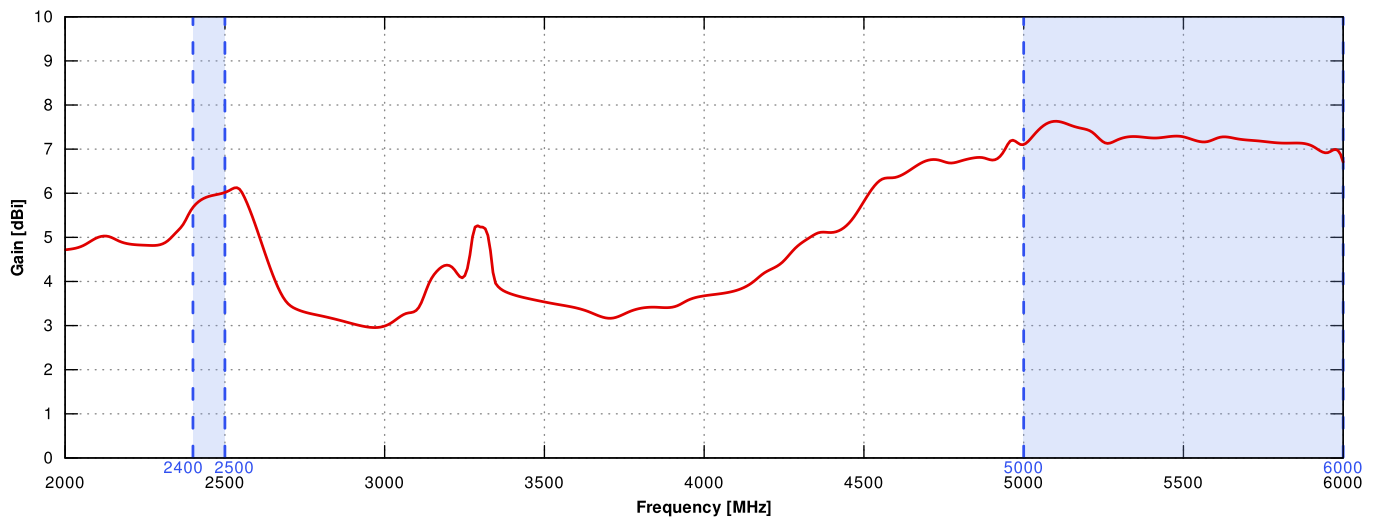
WI-FI VSWR



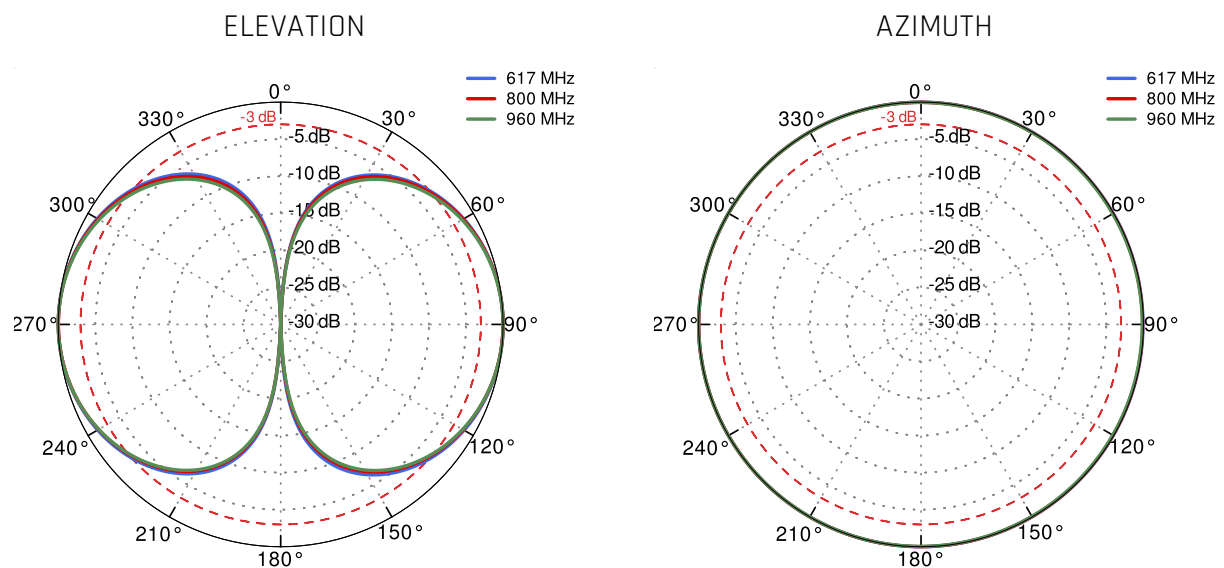
5G/LTE Gain



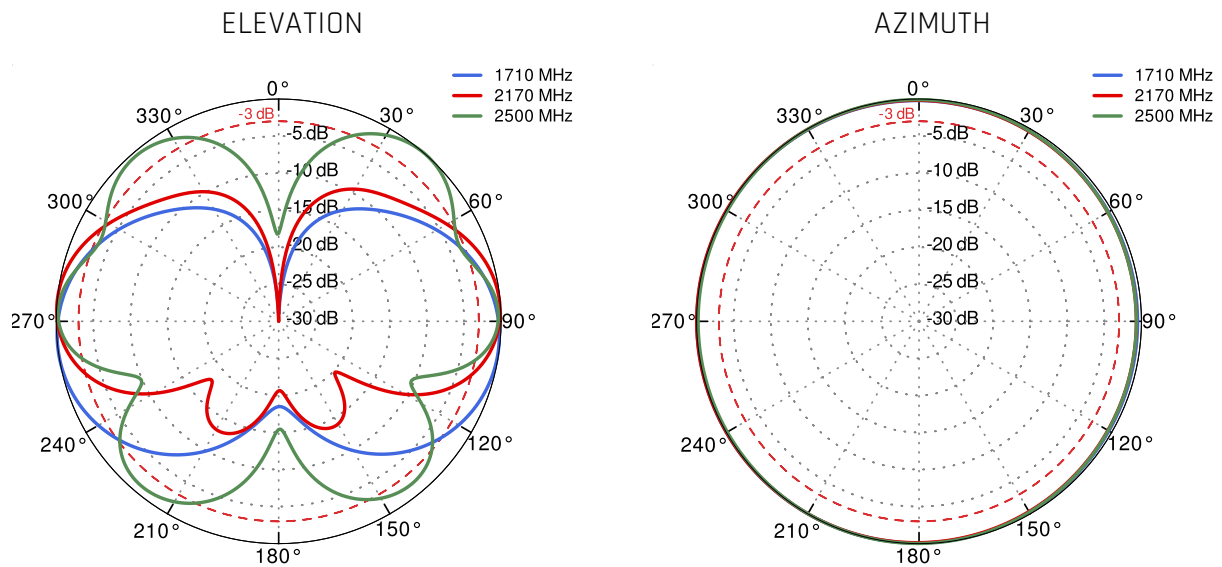
Wi-Fi Gain



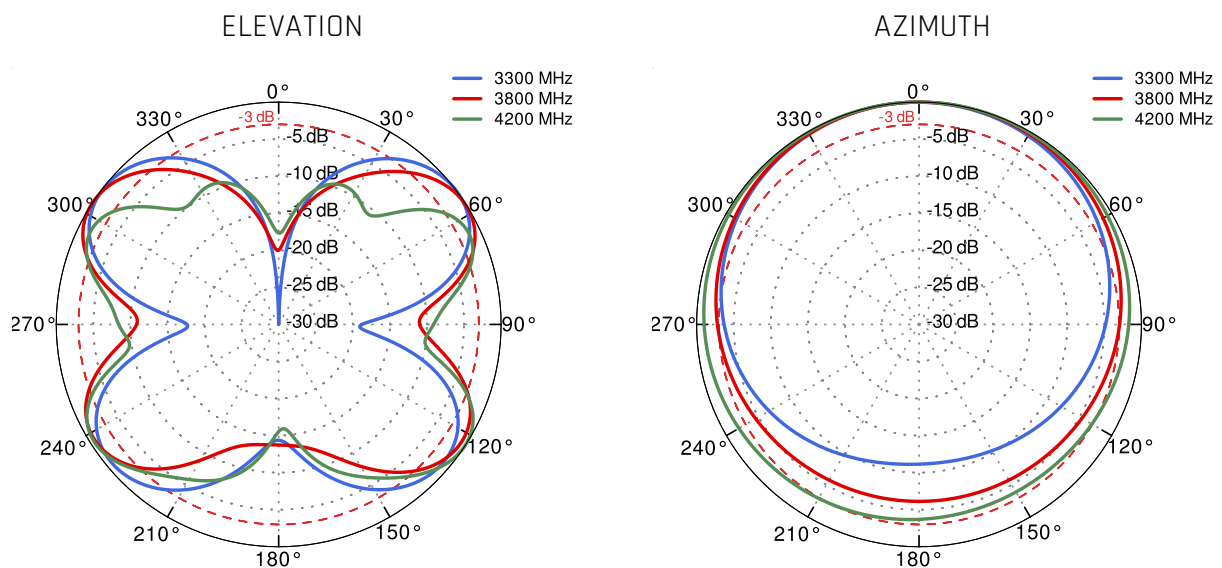
5G/LTE from 617MHz to 950MHz



5G/LTE from 1.71GHz to 2.5GHz



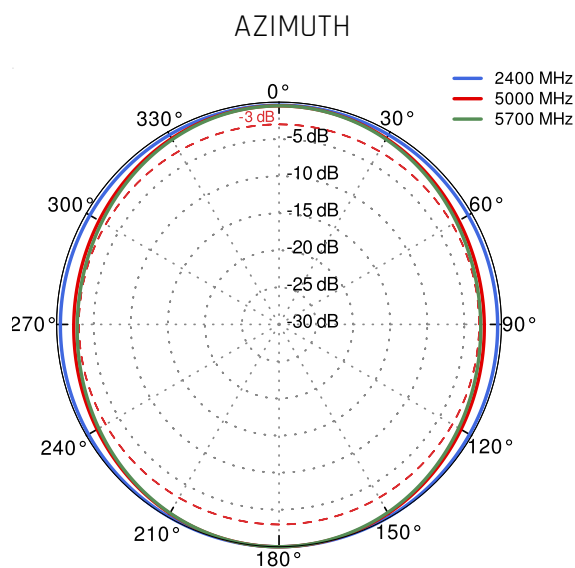
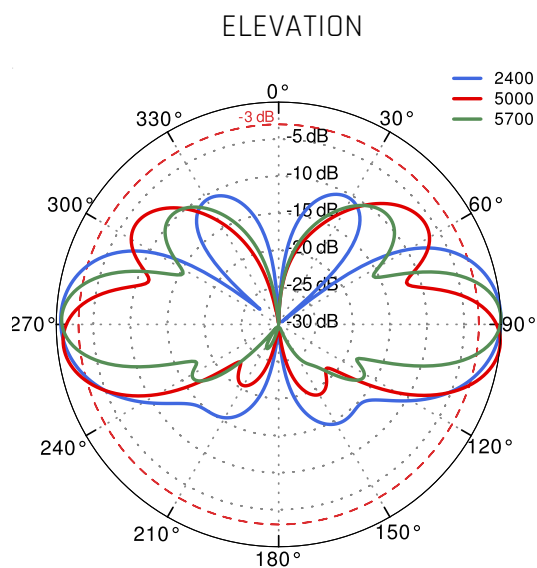
5G/LTE from 3.3GHz to 4.2GHz



5G/LTE from 4.6GHz to 5.5GHz



Wi-Fi 2.4GHz and 5GHz and 6GHz



DIMENSIONS

