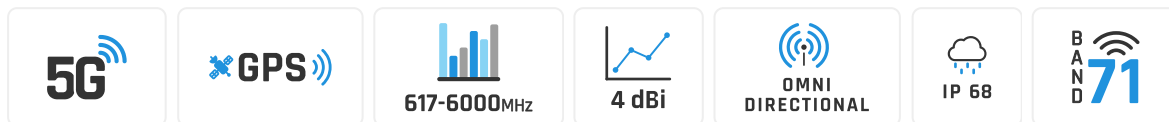


# QuSpot for Teltonika TRB500

## INTEGRATED MULTI-BAND LTE & 5G OMNI ANTENNA + PLACE TO INSTALL TELTONIKA TRB500 (ALL-IN-ONE)

**QuSpot for TRB500** is an outdoor antenna designed to provide reliable wireless connectivity in a variety of environments. This product is an all in one solution that integrates a high gain omnidirectional 5G antennas with RUTX50 into a single IP67 enclosure. Such integration allows implementation of new outdoor TRB500 solutions. QuSpot for TRB500 is an ideal solution for outdoor wireless connectivity in moving applications such as transportation, yachting, boats and camping but also city centres with high signal density. 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. **NOTE:** should only be used with a 24V (or lower voltage) Passive PoE power supply it is not compatible with an 802.3af/at power source!

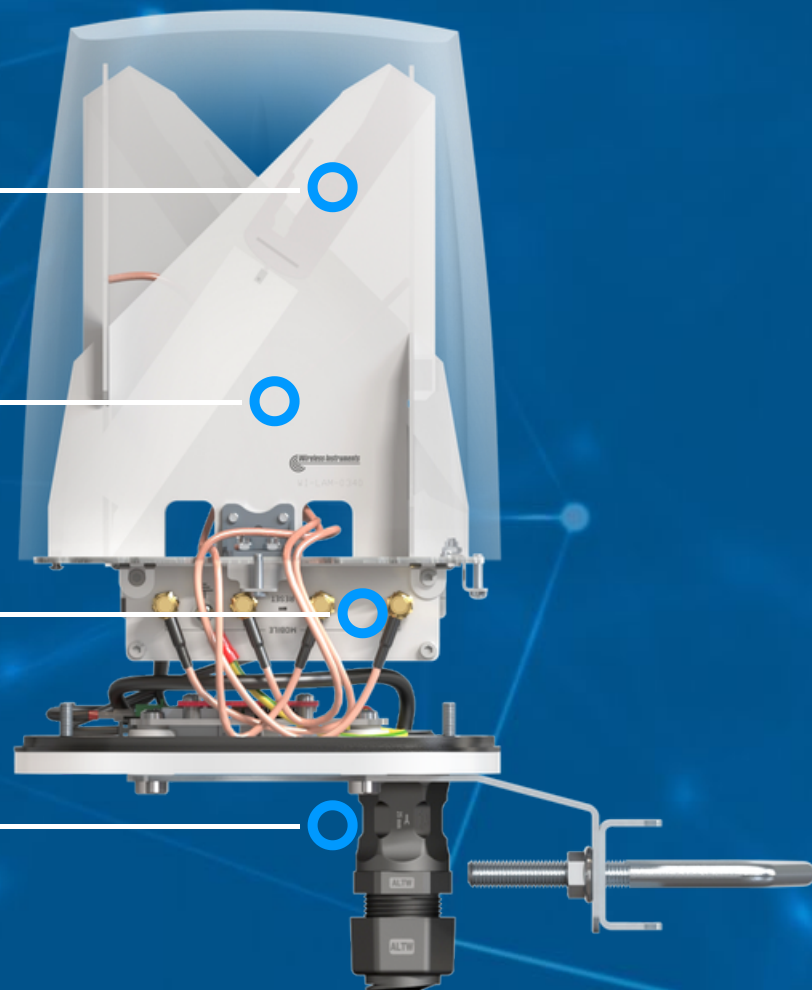


 OUTDOOR ANTENNA WORKS IN **ANY WEATHER CONDITIONS**, IP68

 ANTENNA **PERFECTLY MATCHED** WITH THE ROUTER

 PASSIVE **POE SUPPORT** WITH GIGABIT SPLITTER

 MADE IN **EUROPE**



## 5G ANTENNA SPECIFICATION

<b>FREQUENCY</b>	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.7 GHz 5.2 - 6.0 GHz
<b>SUPPORTED LTE BANDS</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 65, 66, 67, 68, 69, 70, 71, 74, 75, 76, 85, 103, 106, 111, 252, 253, 254, 255, 256
<b>SUPPORTED 5G BANDS</b>	n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n24, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n46, n47, n48, n50, n51, n53, n54, n65, n66, n67, n68, n70, n71, n74, n75, n76, n77, n78, n79, n80, n81, n82, n83, n84, n85, n86, n89, n90, n91, n92, n93, n94, n95, n97, n98, n99, n100, n101, n106, n109, n110, n250, n251, n252, n253, n254, n255, n256
<b>GAIN</b>	617 - 960 MHz : 2 dBi 1.7 - 2.7 GHz : 4 dBi 3.3 - 4.7 GHz : 4.5 dBi 5.2 - 6.0 GHz : 2 dBi
<b>VSWR</b>	<2.00, max <2.50
<b>BEAMWIDTH</b>	360°/25° ±5°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω

## MECHANICAL SPECIFICATION

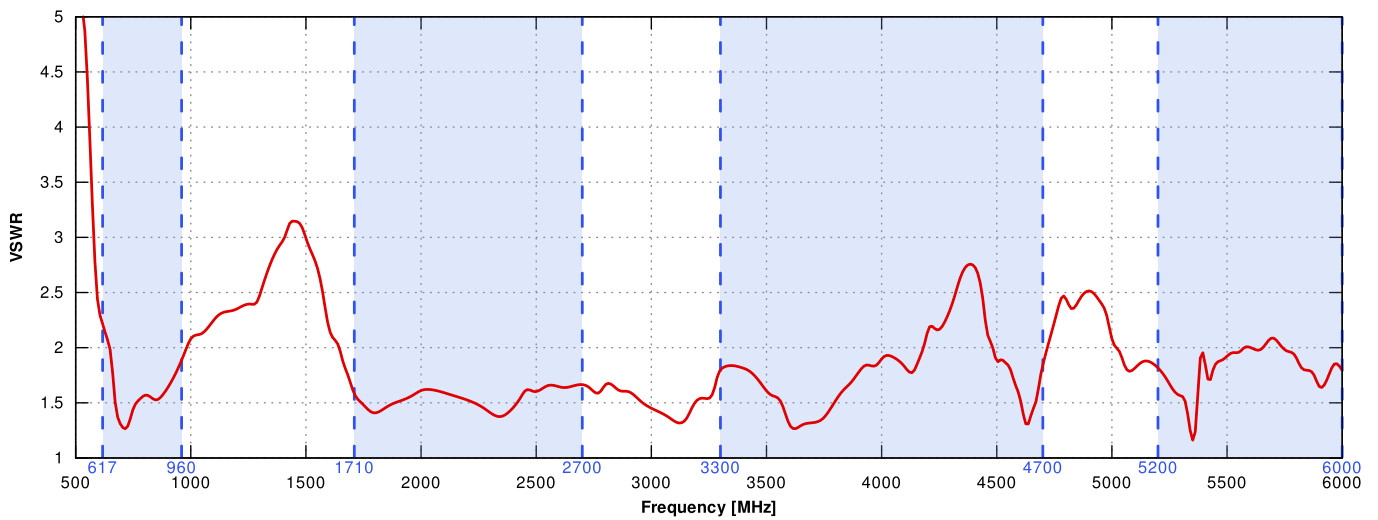
<b>MATERIALS</b>	ABS, aluminum, PTFE
<b>CONNECTOR TYPE</b>	RJ45
<b>INGRESS PROTECTION</b>	IP68
<b>DIMENSIONS</b>	160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch
<b>WEIGHT</b>	1.5 kg 3.31 lbs
<b>OPERATING TEMPERATURE</b>	From -40°C to 75°C From -40°F to 167°F
<b>MAST DIAMETER</b>	25-66 mm 0.98-2.60 inch
<b>ENCLOSURE RECOMMENDED TIGHTENING TORQUE</b>	0.5 - 0.7 Nm

## POE SPECIFICATION

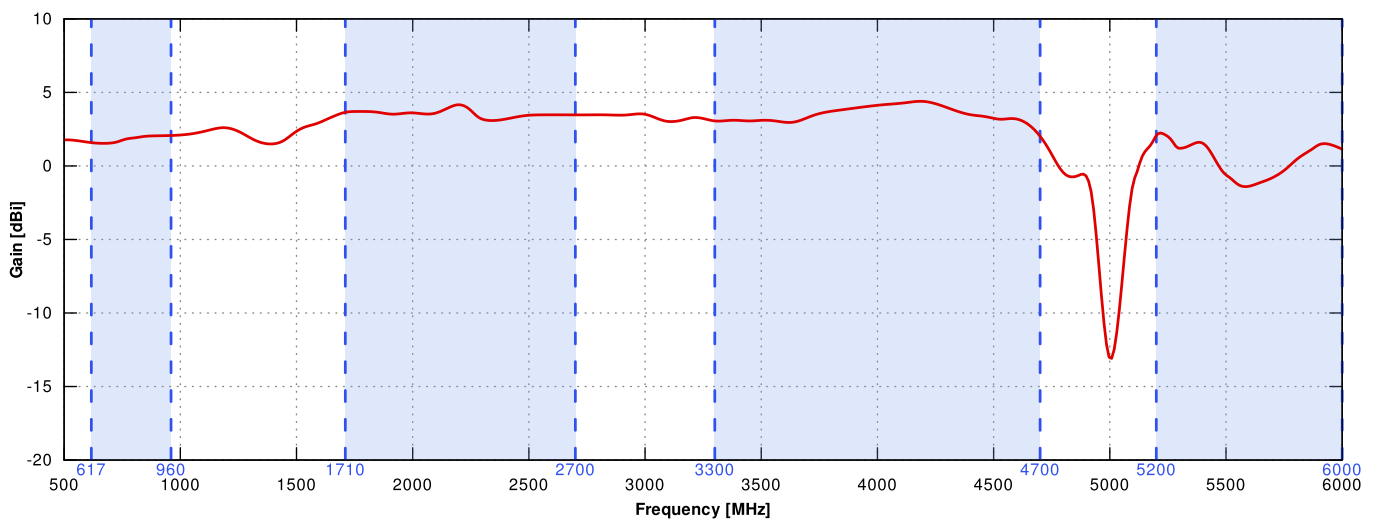
<b>POE TYPE</b>	Passive PoE up to 24V, not compatible with an 802.3af/at power source!
<b>POE IN MODE</b>	Mode type: B
<b>IEEE STANDARD</b>	IEEE 802.3ab 1000Base-T Gigabit Ethernet

# PLOTS

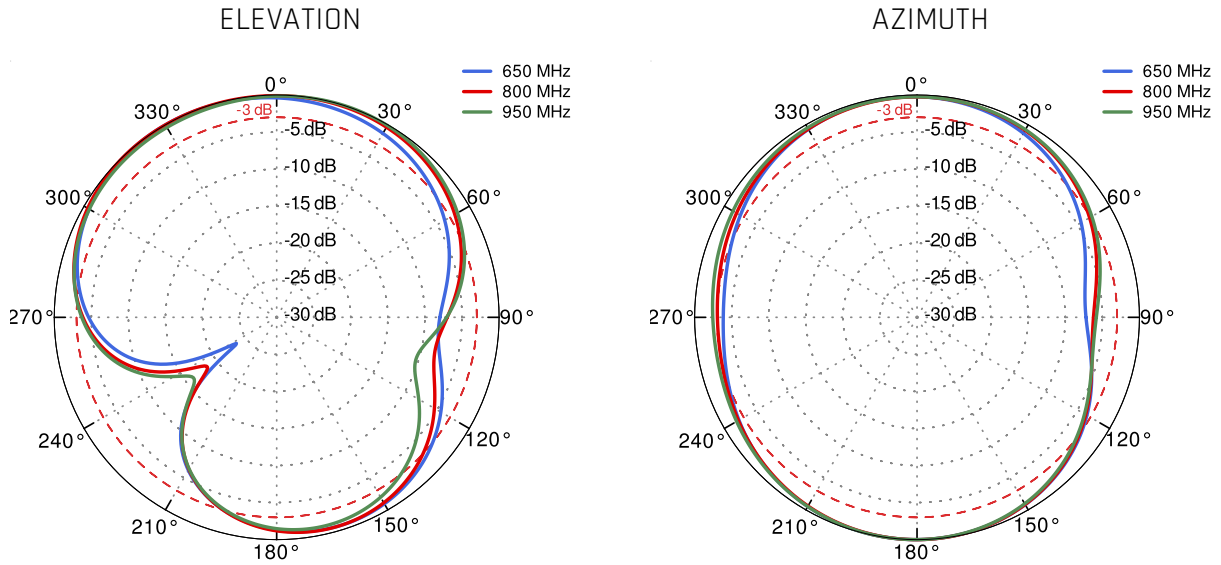
VSWR for 5G/LTE antenna



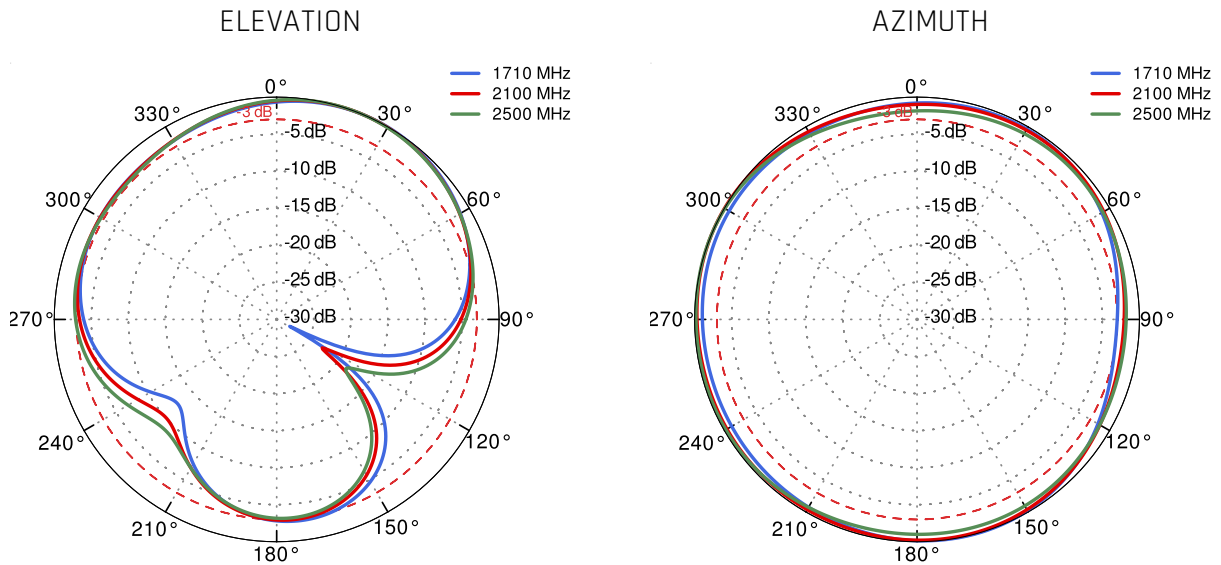
Gain for 5G/LTE antenna



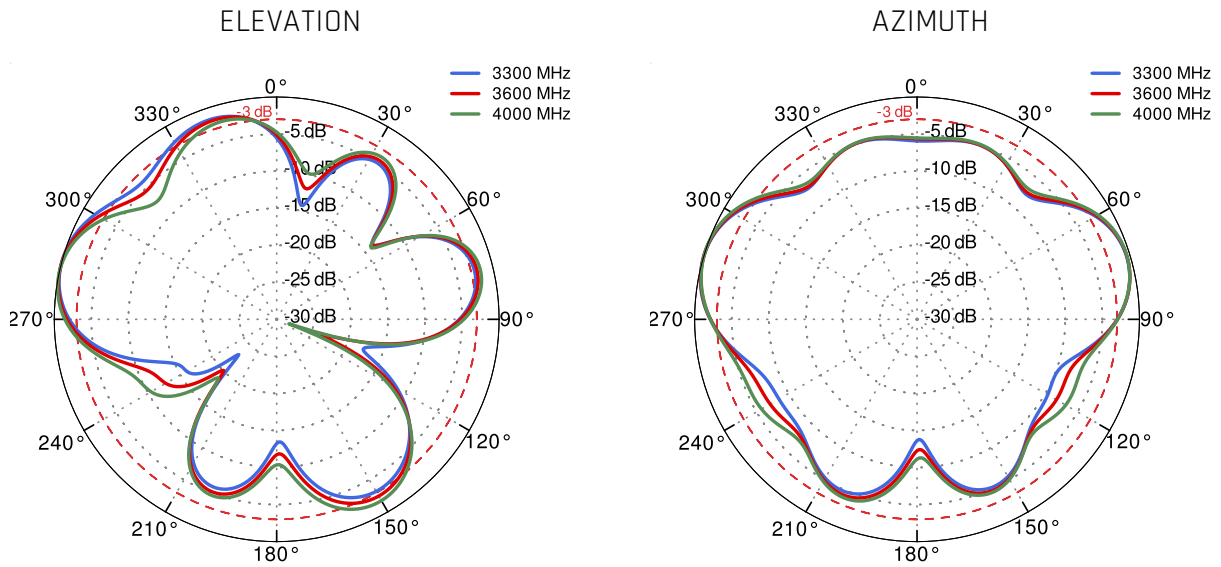
5G/LTE from 650MHz to 950MHz



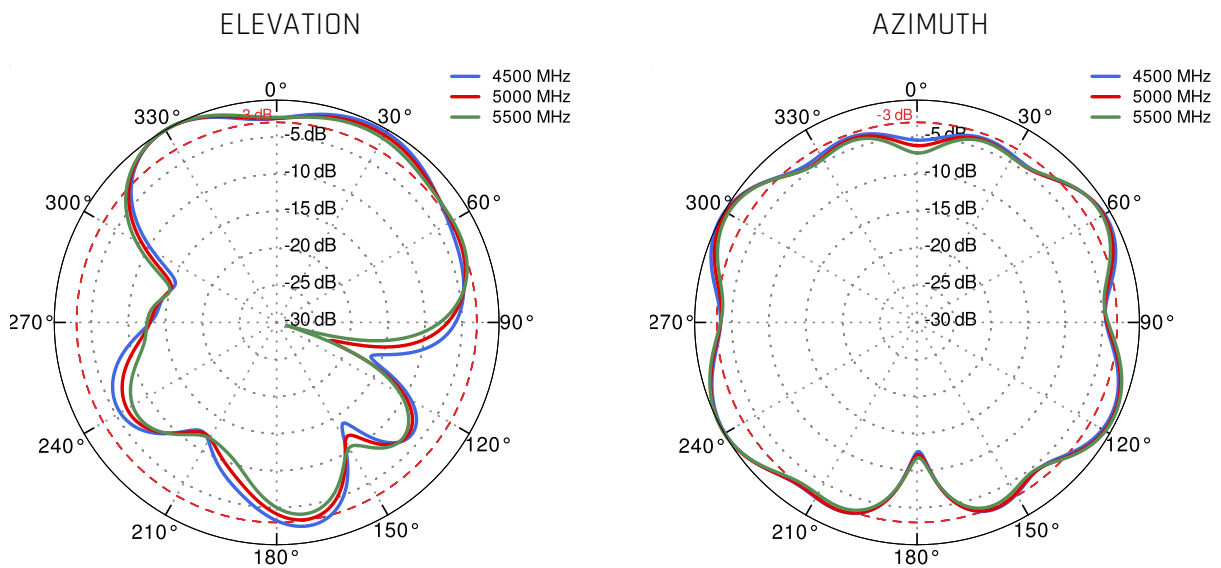
5G/LTE from 1.71GHz to 2.5GHz



5G/LTE from 3.3GHz to 4.0GHz



5G/LTE from 4.5GHz to 5.5GHz



## DIMENSIONS

