

# 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 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.

**5G****GPS**  
**617-4200MHz**  
**7 dBi**  
**OMNI  
DIRECTIONAL**  
**IP 67****B  
A  
N  
D  
71**

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



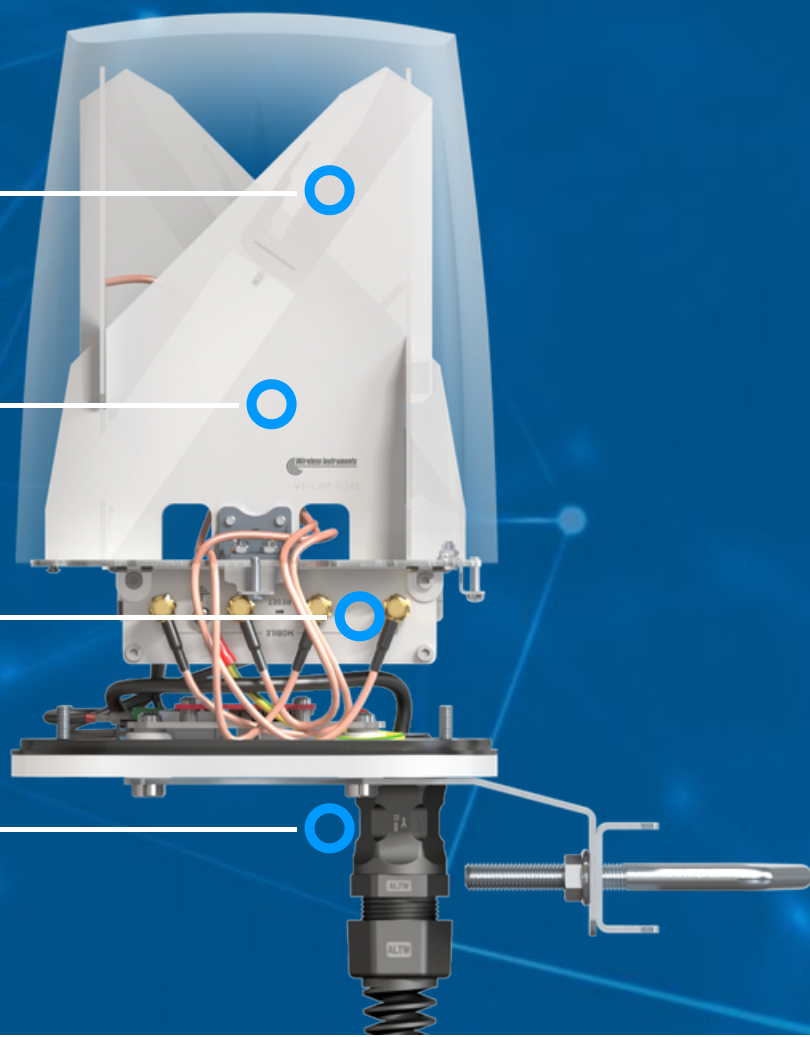
ANTENNA **PERFECTLY MATCHED** WITH  
THE ROUTER



PASSIVE **POE SUPPORT** WITH GIGABIT  
SPLITTER



MADE IN **EUROPE**



## 5G ANTENNA SPECIFICATION

FREQUENCY	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.3 GHz
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, 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, n48, n53, n65, n66, n67, n71, n77, n78, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n100, n101, n256
GAIN	617 - 960 MHz : 2 dBi 1.7 - 2.7 GHz : 4 dBi 3.3 - 4.3 GHz : 4.5 dBi
VSWR	<2.00, max <2.50
BEAMWIDTH	360°/25° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 $\Omega$

## MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE
CONNECTOR TYPE	RJ45
INGRESS PROTECTION	IP67
DIMENSIONS	160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch
WEIGHT	1.5 kg 3.31 lbs
OPERATING TEMPERATURE	From -40°C to 75°C From -40°F to 167°F
MAST DIAMETER	40-60 mm 1.57-2.36 inch

## FREQUENCY BANDS

LTE / 4G	1	2	3	4	5	7	8	617 MHz	4300 MHz
	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		
	48	49	52	53	65	66	67		
	68	69	71	85	103	106			

**5G**

617  
MHz

4300  
MHz

n1

n2

n3

n5

n7

n8

n12

n13

n14

n18

n20

n25

n26

n28

n29

n30

n34

n38

n39

n40

n41

n48

n53

n65

n66

n67

n71

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n81

n82

n83

n84

n85

n86

n89

n90

n95

n97

n98

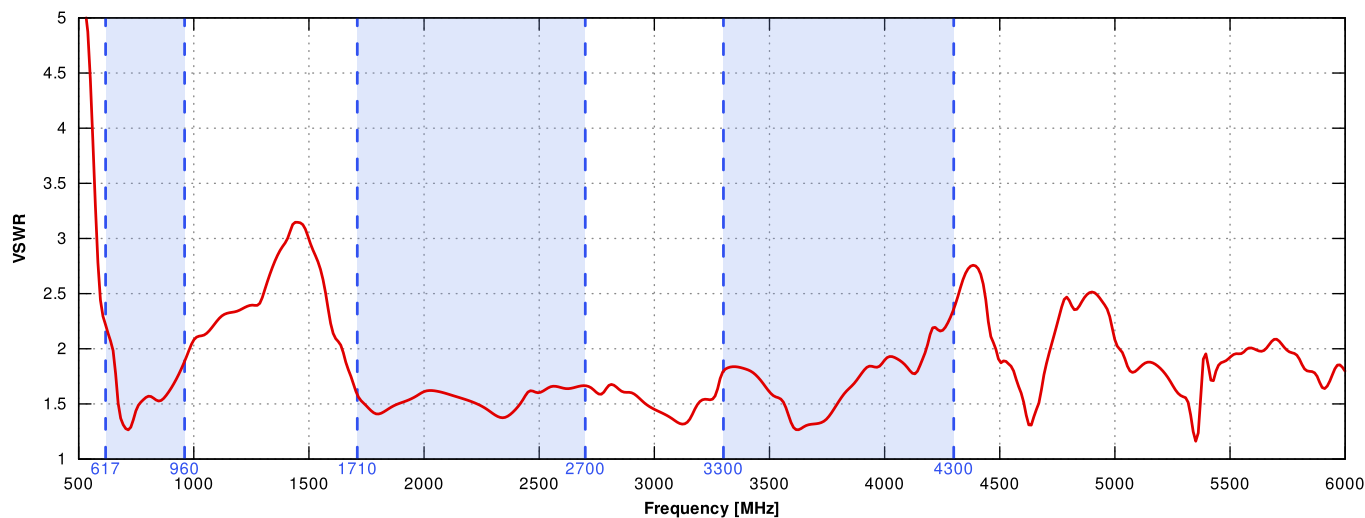
n100

n101

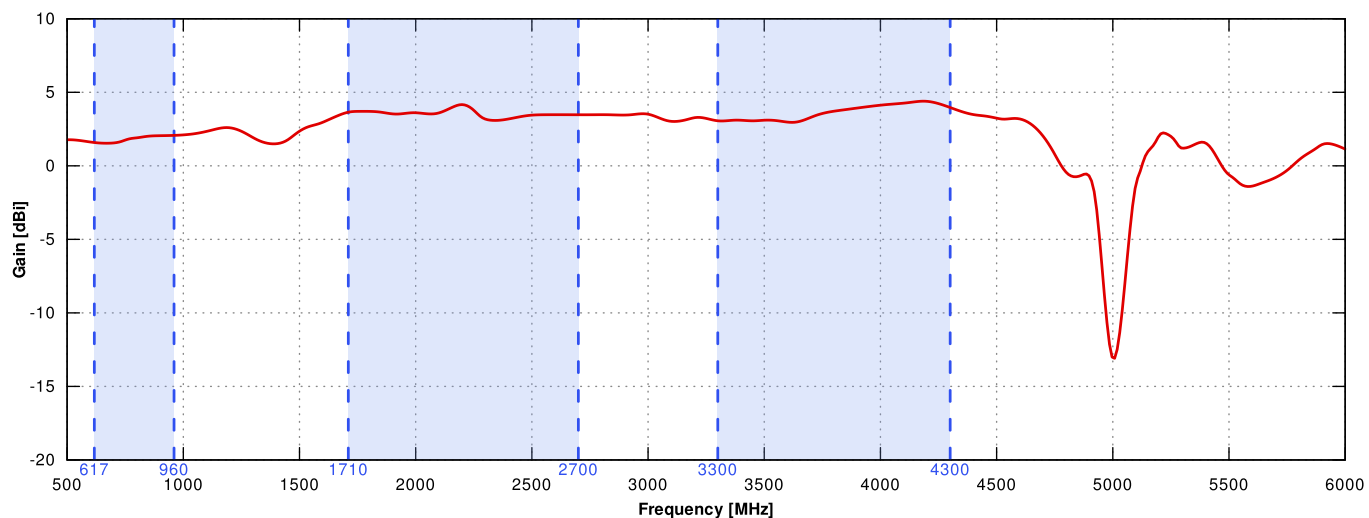
n256

## PLOTS

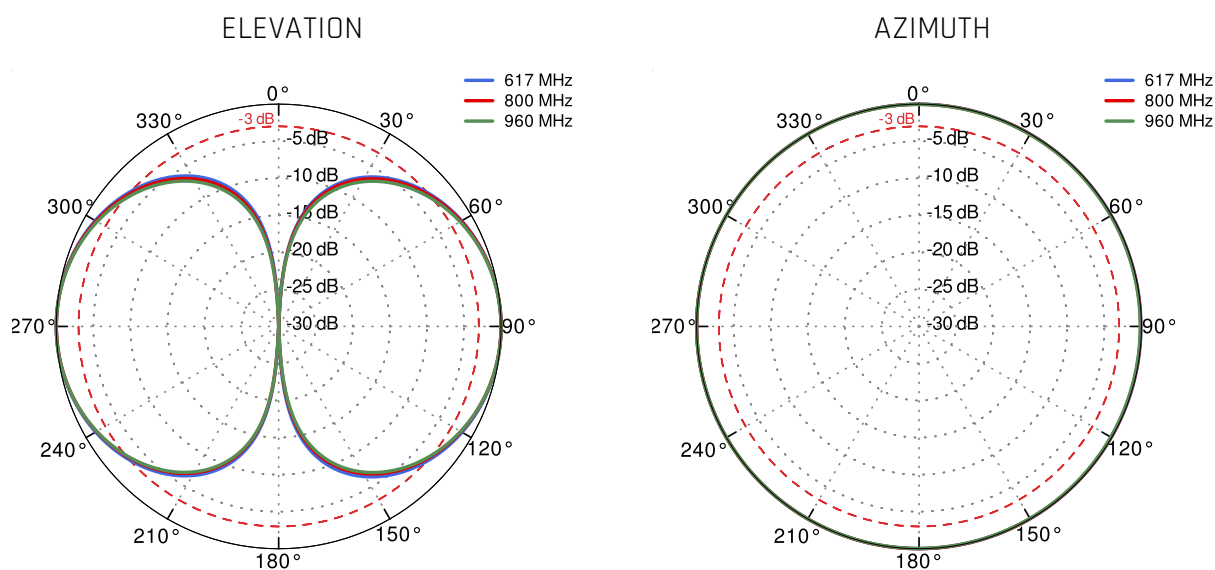
VSWR for 5G/LTE antenna



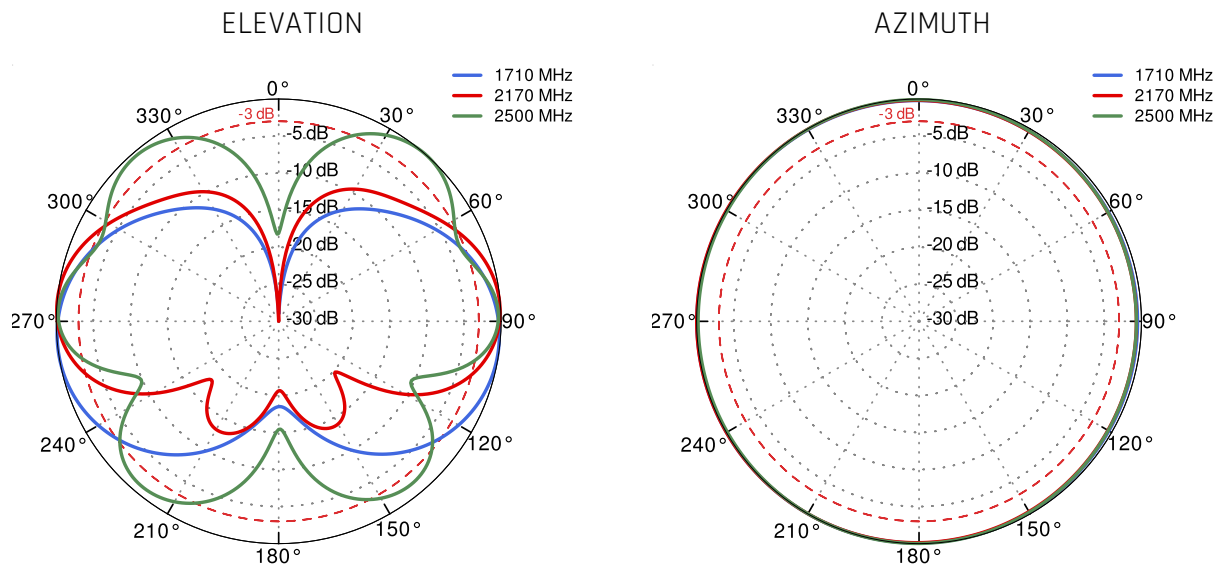
## Gain for 5G/LTE antenna



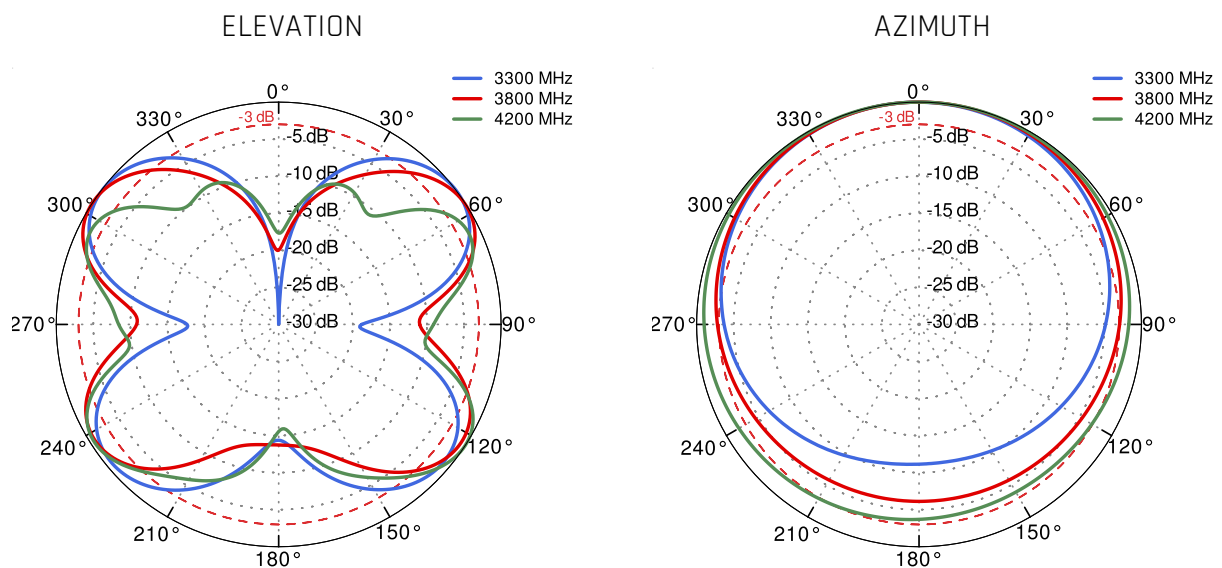
## 5G/LTE from 617MHz to 960MHz



## 5G/LTE from 1.71GHz to 2.5GHz



## 5G/LTE from 3.3GHz to 4.2GHz



## DIMENSIONS

