

# QuSpot for Teltonika TRB160

**Integrated outdoor multi band LTE omni antennas + place to install Teltonika TRB160 (All-in-one)**

QuSpot omni LTE antenna for Teltonika **TRB160** router is a perfect outdoor device for mobile and fixed installations like industrial, CCTV, hotspots, yachts, boats, campers, RV etc. If you use **TRB160** with QuSpot antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.

**4G**  
LTE  
**694-2700MHz**  
**4 dBi**  
**OMNI  
DIRECTIONAL**  
**IP 68**  
**-40° TO +80°**

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



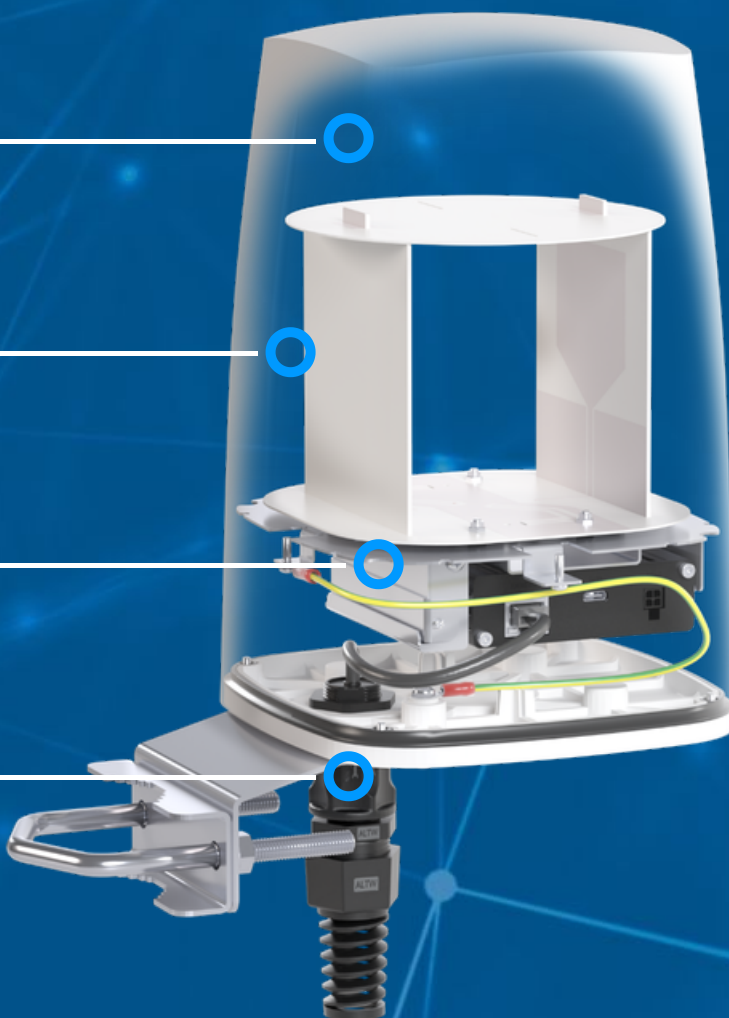
ANTENNA **PERFECTLY MATCHED** WITH  
THE ROUTER



PASSIVE **POE** SUPPORT



MADE IN **EUROPE**



## LTE ANTENNA SPECIFICATION

FREQUENCY	694 - 960 MHz 1.7 - 2.2 GHz 2.2 - 2.7 GHz
GAIN	694 - 960 MHz : 2 dBi 1.7 - 2.2 GHz : 2 dBi 2.2 - 2.7 GHz : 4 dBi
SUPPORTED LTE/5G BANDS	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 23, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 44, 53, 59, 62, 65, 66, 67, 68, 69, 85, n80, n81, n82, n83, n84, n86, n89, n90, n95
VSWR	<1.60, max <2.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 $\Omega$
CONNECTOR	2x SMA

## MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE
CONNECTOR TYPE	RJ45
INGRESS PROTECTION	IP68
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 80°C From -40°F to 176°F
ENCLOSURE RECOMMENDED TIGHTENING TORQUE	0.5 - 0.7 Nm
MAST DIAMETER	25-66 mm 0.98-2.60 inch

# **FREQUENCY BANDS**

**LTE / 4G GSM**

694 MHz	5	6	8	12	13	14	17	960 MHz
	18	19	20	26	27	28	29	
	44	67	68	85	n81	n82	n83	
	n89							

**LTE / 4G UMTS**

1710 MHz	1	2	3	4	9	10	25	2170 MHz
	33	34	35	36	37	39	59	
	62	n80	n84	n86	n95			

**LTE / 4G WCS DARS**

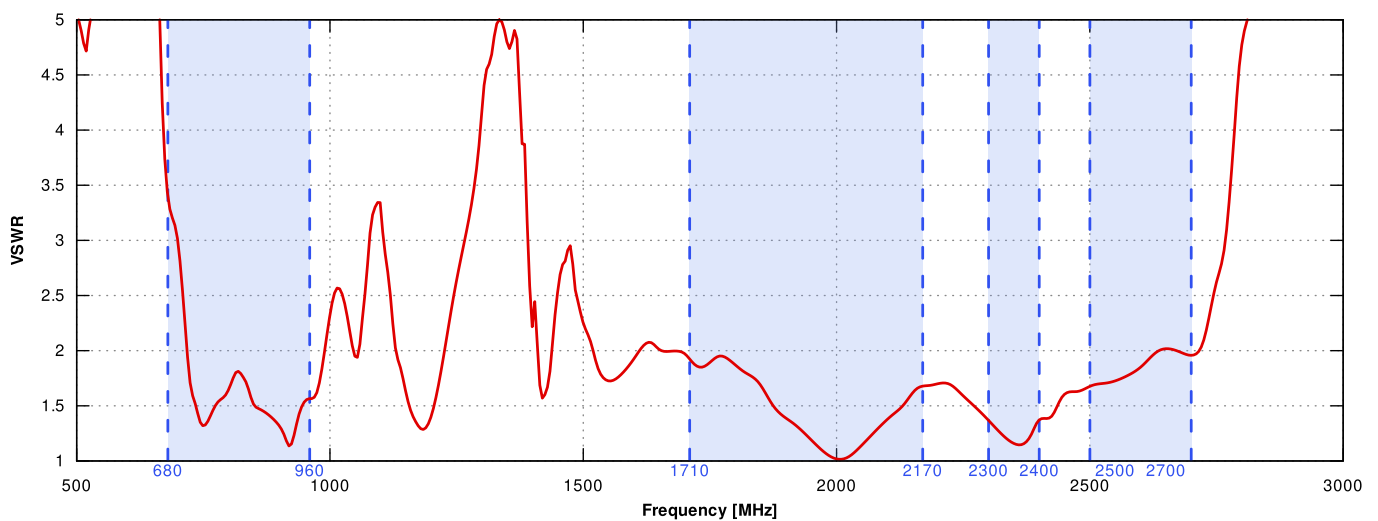
2300 MHz	30	40					2400 MHz
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**LTE / 4G**

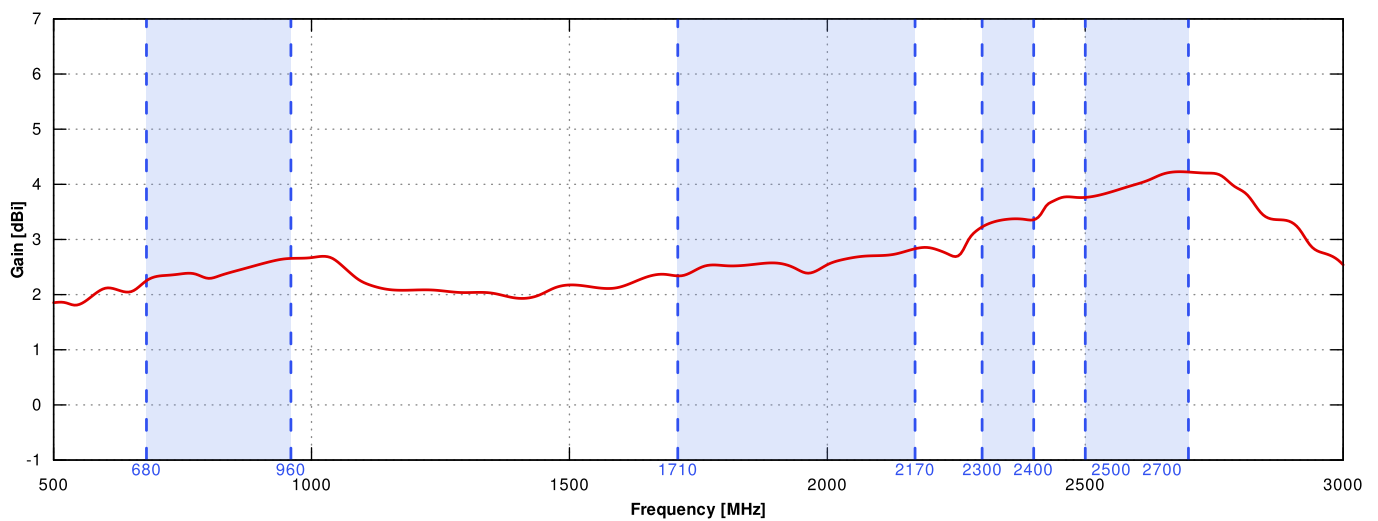
2400 MHz	7	38	41	53	69	n90	2700 MHz
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## PLOTS

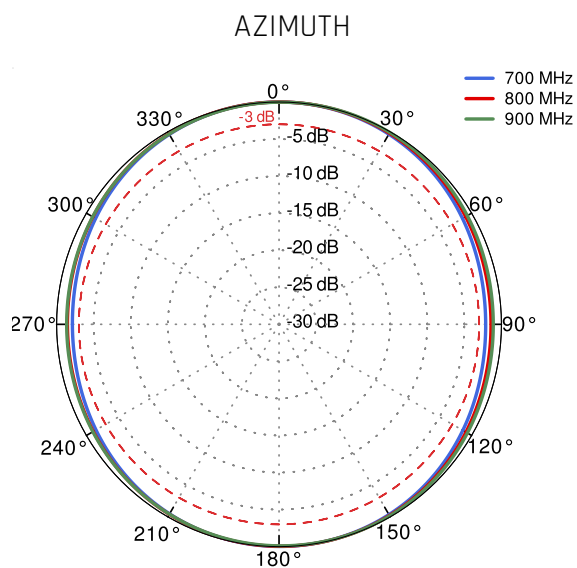
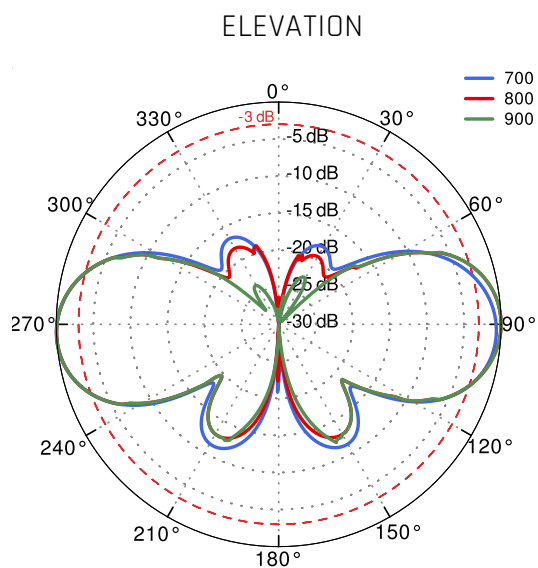
VSWR for LTE antenna



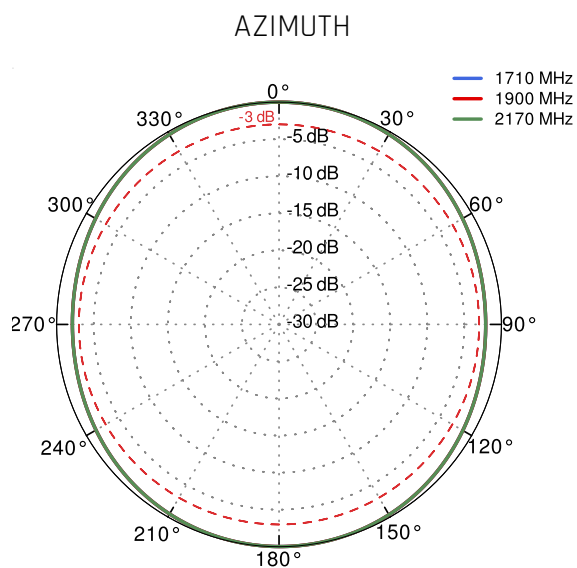
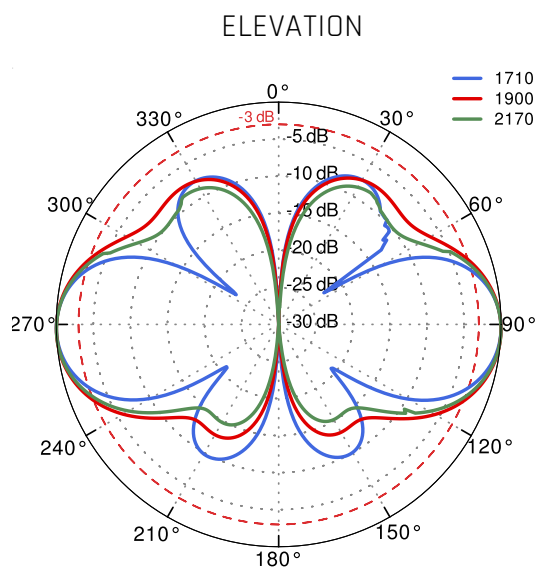
Gain for LTE antenna



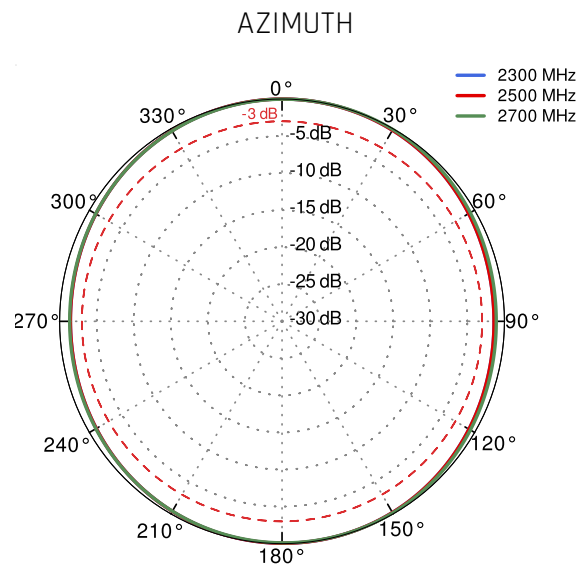
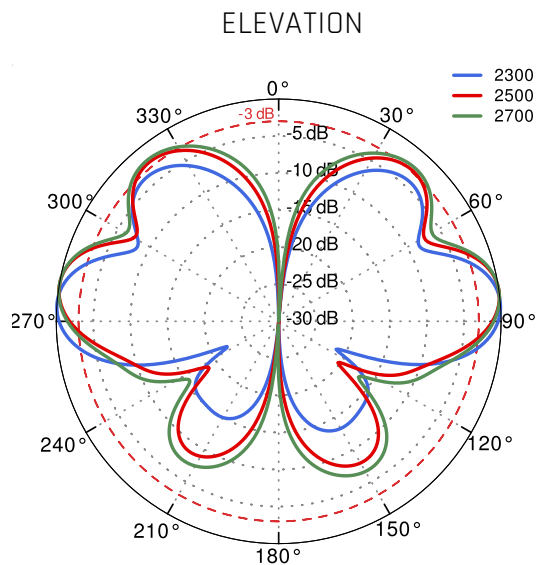
## LTE from 700MHz to 900MHz



## LTE from 1.71GHz to 2.17GHz



LTE from 2.3GHz to 2.7GHz



## DIMENSIONS

