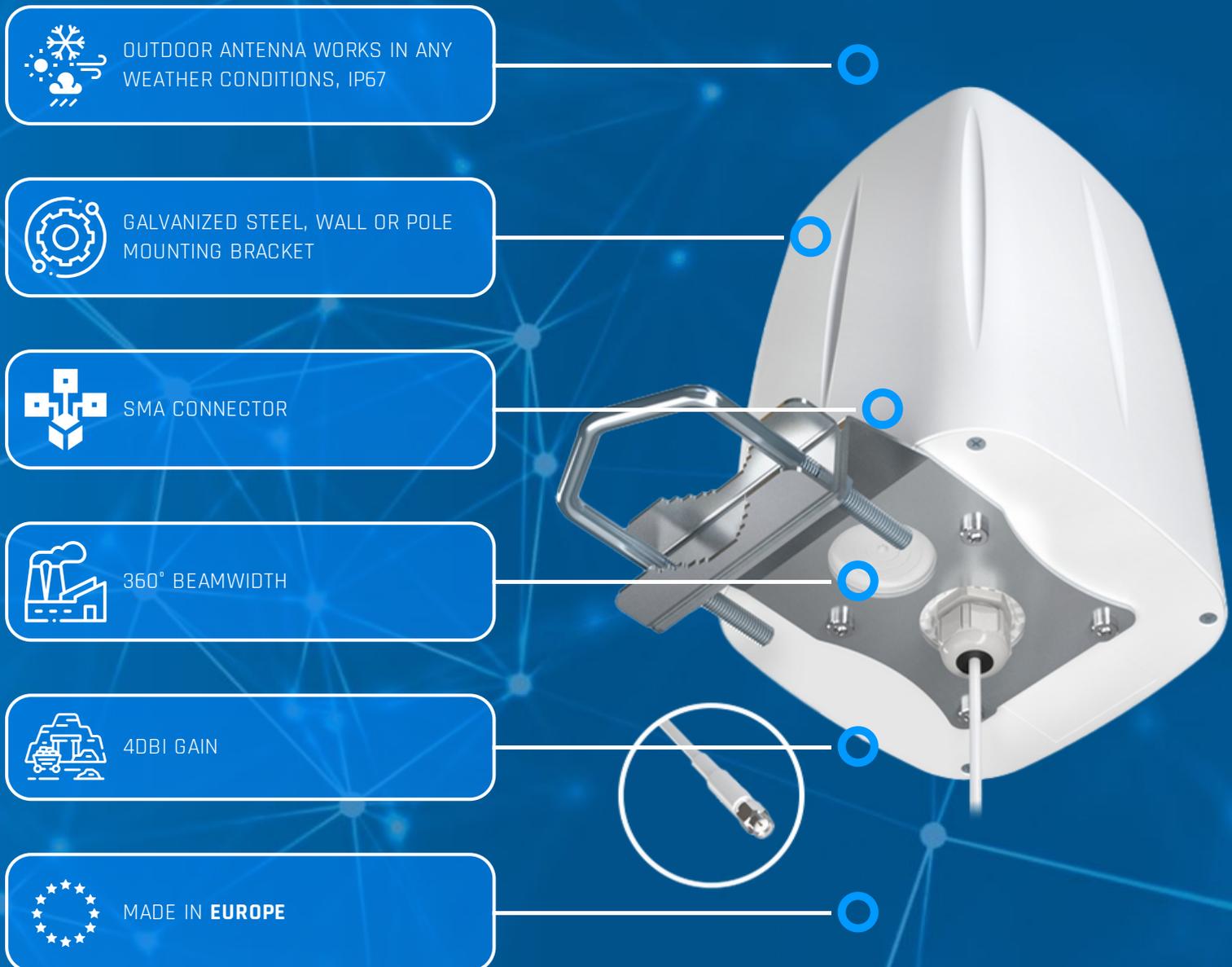


# QuOmni LTE SISO

## Omnidirectional multiband LTE SISO antenna

QuOmni LTE omnidirectional SISO LTE antenna working in Vertical polarization. It's desired for LTE/3G/2G connections. The antenna can be used for the most popular LTE bands (e.g. 3,7,20) and frequencies 694-2700 MHz. This antenna is predicted to be installed on the buildings (on the pole or on the wall) as a client antenna or on a moving points like trains, buses, lorries, yachts or boats to receive Internet by LTE/3G. Using SMA connectors makes it compatible with most LTE devices, like Teltonika: RUT230, TRB140, TRB141, TRB142, TRB145, TRM240, TRM250 and other SISO LTE/3G/2G modems and routers.



## LTE ANTENNA SPECIFICATION

<b>FREQUENCY</b>	694 - 960 MHz 1.7 - 2.2 GHz 2.2 - 2.7 GHz
<b>GAIN</b>	694 - 960 MHz : 2 dBi 1.7 - 2.2 GHz : 2 dBi 2.2 - 2.7 GHz : 4 dBi
<b>SUPPORTED LTE/5G BANDS</b>	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
<b>VSWR</b>	<1.60, max <2.00
<b>BEAMWIDTH</b>	360°/35° ±5°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω

## MECHANICAL SPECIFICATION

<b>MATERIALS</b>	ABS, aluminum, PTFE
<b>CONNECTOR TYPE</b>	1x SMA plug
<b>INGRESS PROTECTION</b>	IP67
<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 80°C From -40°F to 176°F
<b>CABLE LENGTH</b>	5m (P/N: AOLS1) or 10m (P/N: AOLS1-1)
<b>CABLE TYPE</b>	LMR195 white
<b>MAST DIAMETER</b>	40-60 mm 1.57-2.36 inch

# FREQUENCY BANDS

**LTE / 4G GSM**

617 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
-------------	----	----	--	--	--	--	--	-------------

**LTE / 4G**

2400 MHz	7	38	41	53	69	n90		2700 MHz
-------------	---	----	----	----	----	-----	--	-------------

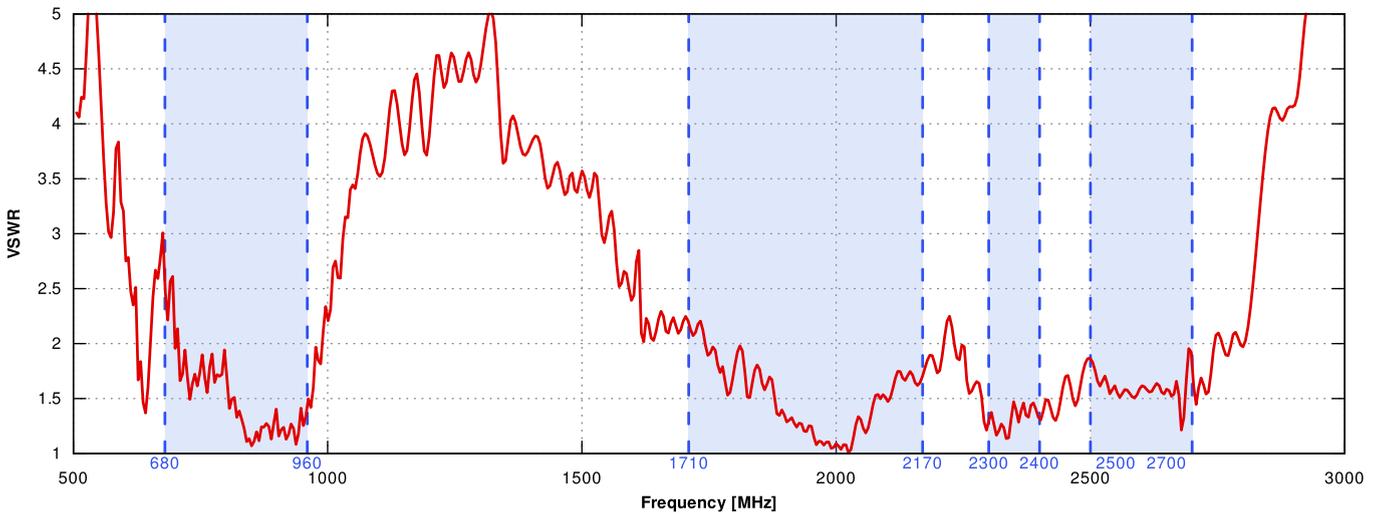
## **COMPATIBLE ROUTERS**

VARIANTS: AOLS1, AOLS1-1

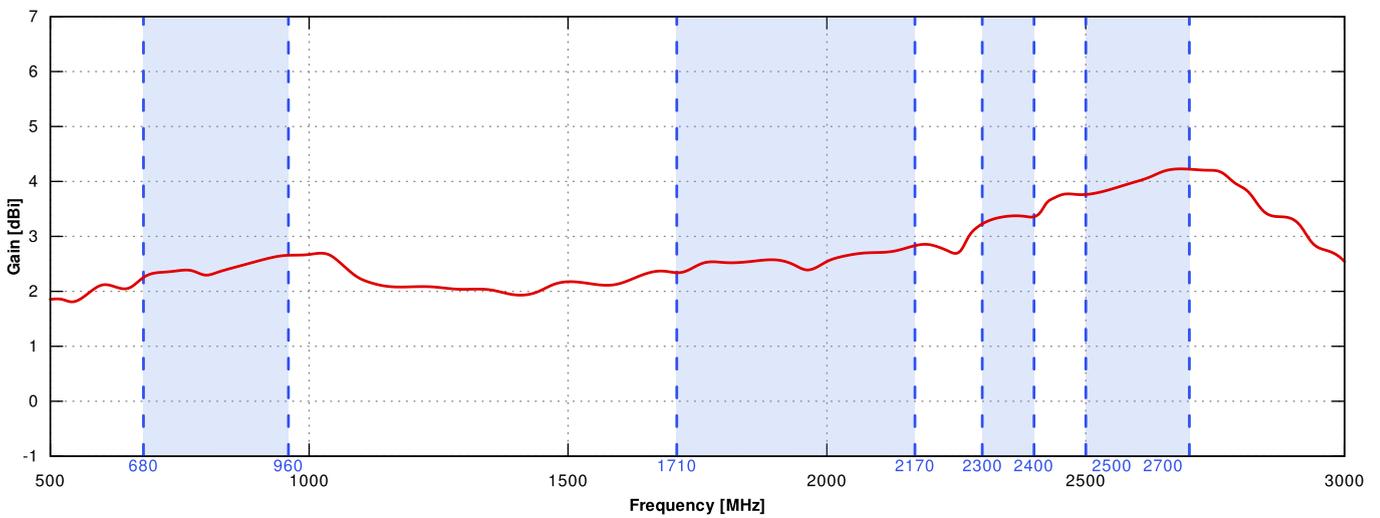
<b>TELTONIKA</b>	TRB140, TRB141, TRB142, TRB143, TRB145, TRB245, TRB246, TRB255
<b>ROBUSTEL</b>	EG5101, M1000 MP, M1200
<b>FORTINET</b>	Industrial GPS Modem F7916
<b>FOUR-FAITH</b>	4G LTE WiFi Modem F2X16 V4, LoRa Router F8936-L, Sim Card WiFi Router F3X26Q, Wireless 4G LTE Router F3X26-TB, Wireless M-Bus Gateway F-R100WM
<b>MILESIGHT</b>	UR32L, UR32S, UR41
<b>ROBUSTEL</b>	EG5101, M1000 MP, M1200
<b>SIEMENS</b>	6GK7243-7KX30-0XE0, 6GK7243-7SX30-0XE0
<b>TELTONIKA</b>	TRB140, TRB141, TRB142, TRB143, TRB145, TRB245, TRB246, TRB255
<b>WAVETEL</b>	WM21 4G Cat M/NB Modem
<b>WLINK</b>	M100, M303, R100, R200

# PLOTS

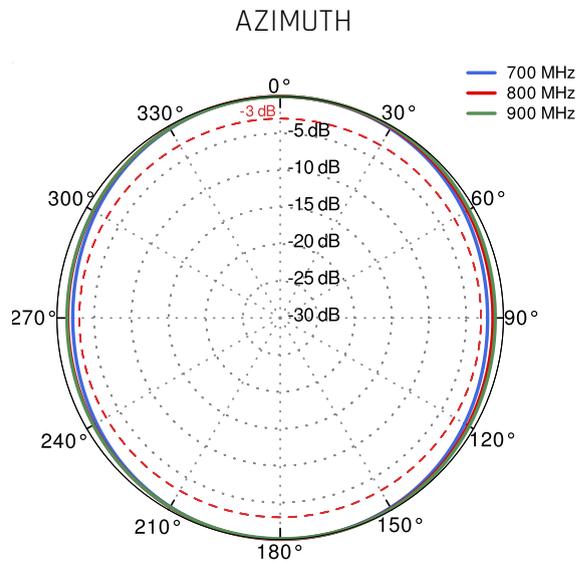
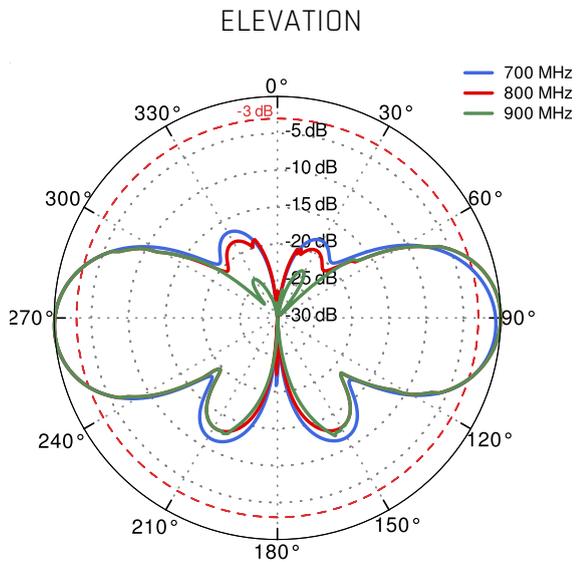
## VSWR



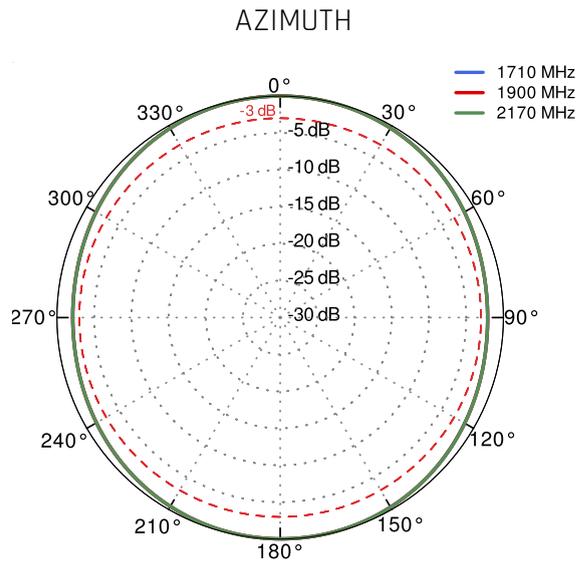
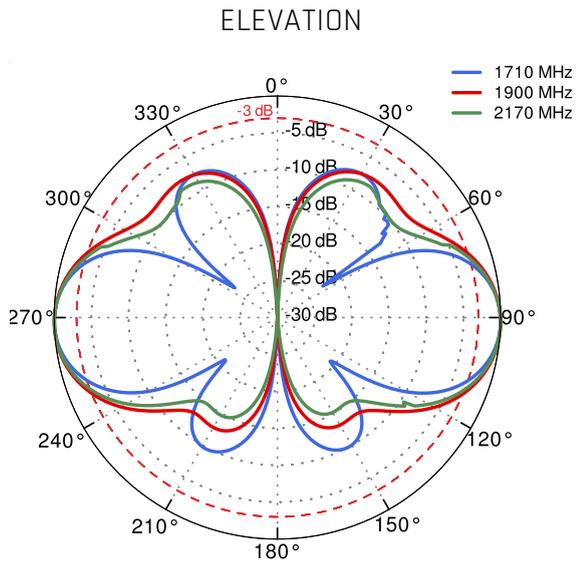
## Gain



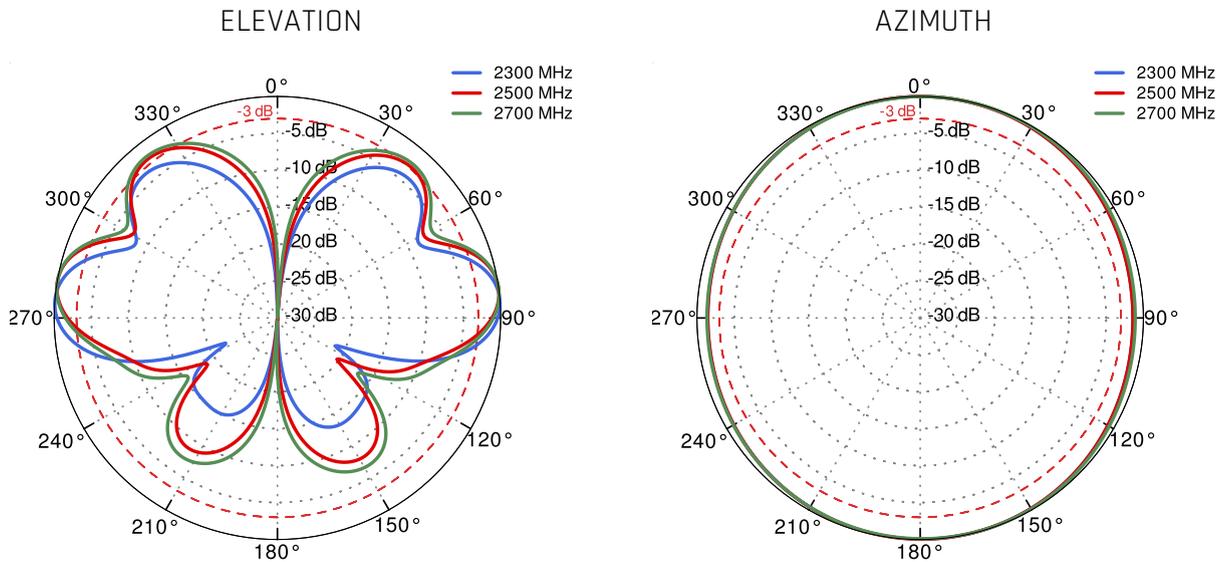
From 700MHz to 900MHz



From 1.71GHz to 2.17GHz



From 2.3GHz to 2.7GHz



## DIMENSIONS

