

# QuOmni LTE MIMO 2x2

## Omnidirectional multiband LTE MIMO 2x2 antenna

QuOmni LTE omnidirectional MIMO 2x2 LTE antenna is 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), frequencies 694-2700 MHz. That antenna is predicted to be installed on the buildings (on the pole or on the wall) as the client antenna or on the moving points like trains, buses, lorries, yachts, boats to receive Internet by LTE/3G. It's compatible with Teltonika: RUT240, RUT900, RUT950, RUT955, RUTX09, RUTX11 and other MIMO 2x2 LTE/3G/2G modems and routers.

**4G**  
LTE**2x2 MIMO**  
**694-2700MHz**  
**4 dBi**  
**OMNI  
DIRECTIONAL**  
**IP 67**  
**-40° TO +80°**

OUTDOOR ANTENNA WORKS IN ANY  
WEATHER CONDITIONS, IP67



GALVANIZED STEEL, WALL OR POLE  
MOUNTING BRACKET



TWO SMA CONNECTORS



360° BEAMWIDTH



4DBI GAIN



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 $\Omega$

## MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE
CONNECTOR TYPE	2x SMA plug
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 80°C From -40°F to 176°F
CABLE LENGTH	5m (P/N: AOLM2) or 10m (P/N: AOLM2-1)
CABLE TYPE	LMR195 white
MAST DIAMETER	40-60 mm 1.57-2.36 inch

# **FREQUENCY BANDS**

**LTE / 4G GSM**

	5	6	8	12	13	14	17	
617	18	19	20	26	27	28	29	960
MHz	44	67	68	85	n81	n82	n83	MHz
	n89							

**LTE / 4G UMTS**

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

**LTE / 4G WCS DARS**

2300	30	40						2400
MHz								MHz

**LTE / 4G**

2400	7	38	41	53	69	n90		2700
MHz								MHz

## COMPATIBLE ROUTERS

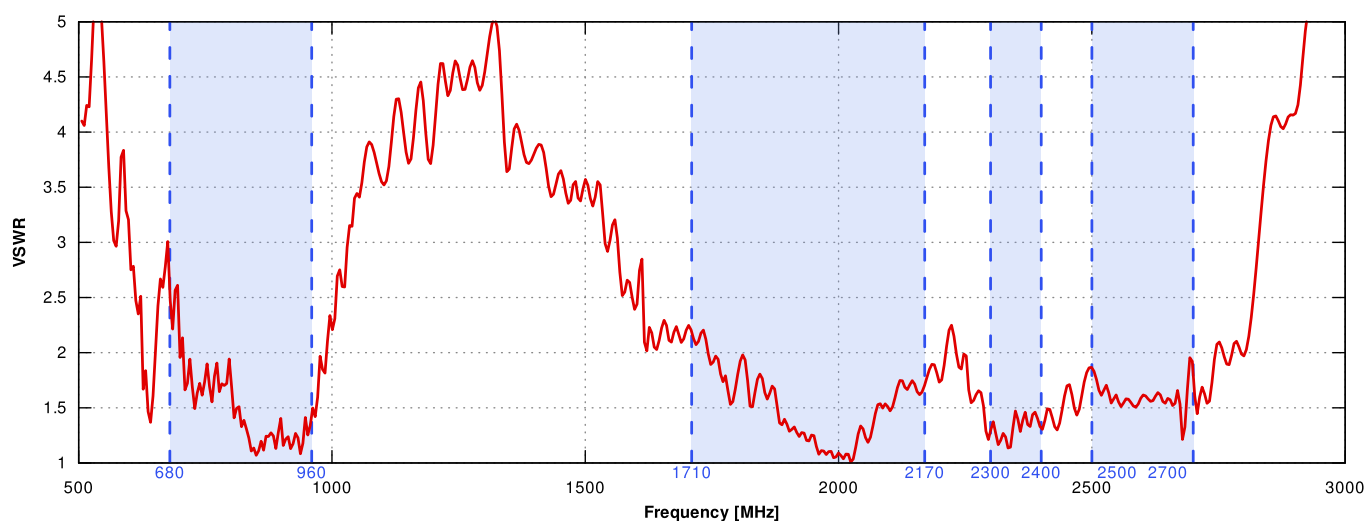
VARIANTS: AOLM2, AOLM2-1

TELTONIKA	RUT200, RUT230, RUT240, RUT241, RUT260, RUT900, RUT901, RUT950, RUT951, RUT955, RUT956, RUTM09, RUTM11, RUTX09, RUTX11
DIGI	6310-DX, 6330-MX, EX12, EX15, IX10, IX15, IX20, IX30, WR31
ROBUSTEL	EG5100, LG5100, R1500, R1510, R1511P, R1520 Global, R1520-4L (S), R1520-4L (V), R2010, R2011, R2110, R3000, R3000 Industrial, R3000 LG, R3000 Lite, R3000 Quad, R3010
ACKSYS	AirBox LTE, AirWan
ADVANTECH	ICR-2031
ANYBUS	Wireless Router WLAN
COMSET	CM210A-W, CM210Q-W, CM510Q-W, CM685T-W, CM685V-1, CM685V-4, CM685V-6, CM685V-6-G, CM820Q-4, CM820Q-6, CM820T-W, CM820V-4, CM820V-W
CRADLEPOINT	CBA550, E100, E102, IBR200, IBR600C, IBR900, L950, R500, R920, S700
D-LINK	DWR-960, G415 AX1500, G416 AX1500, N300 4G
DIGI	6310-DX, 6330-MX, EX12, EX15, IX10, IX15, IX20, IX30, WR31
FORTINET	FEX-101F, FEX-201F, FEX-211E, FEX-212F, FortiGate Rugged 60F-3G4G, FortiGate Rugged 70F-3G4G
FOUR-FAITH	4G Cellular Router F-R100, 4G Industrial Computer F4931-R2H, 4G Industrial Computer F4932-R2H-DF1, Android Industrial Computer F4932-R1Q, Cellular Wireless Router F-R200, Dual Sim 4G Router F3X46, Dual-sim WiFi Router F3946, Industrial WiFi Router F3X36Q, LAN Port Router F3X26 V2, LTE Industrial Router F3X27 V2, LTE Wireless Router F3x36

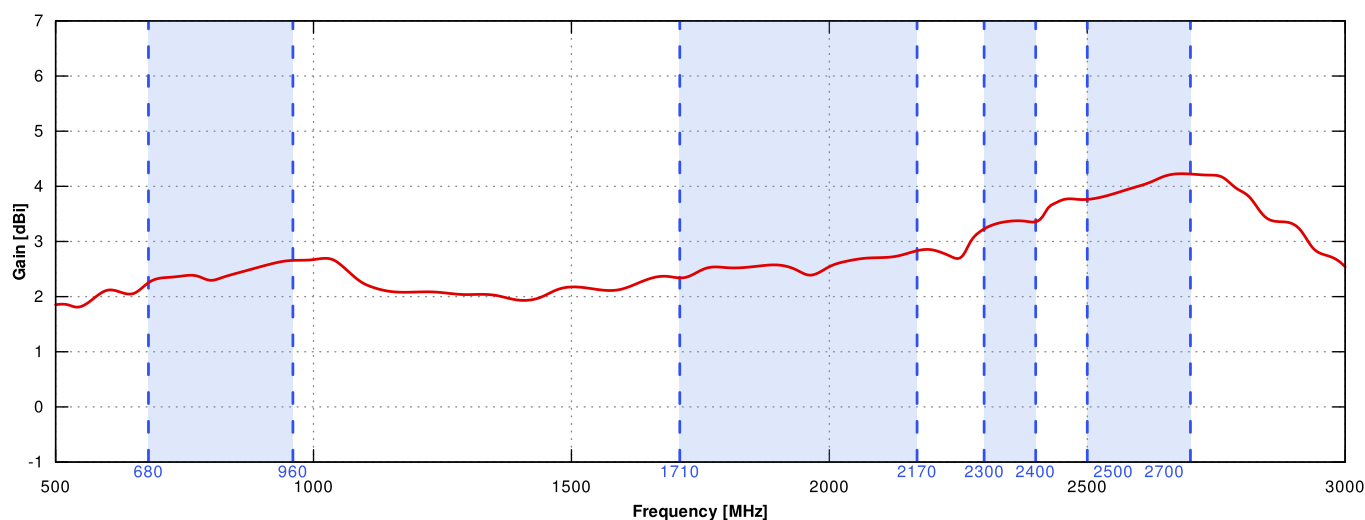
<b>MIKROTIK</b>	RB912, RB922, RBM11G, RBM33G
<b>MILESIGHT</b>	UR32
<b>OPTION</b>	CloudGate LTE WW CAT4
<b>PEPLINK</b>	Balance 20X, MAX BR1 Classic, MAX BR1 ENT, MAX BR1 IP55, MAX BR1 M2M, MAX BR1 Mini, MAX BR1 Mini (HW3), MAX BR1 Mini Core (HW3), MAX BR1 Mini M2M, MAX BR1 MK2, MAX BR1 Pro, MAX BR1 Slim
<b>PROROUTE</b>	H685 4G Router, H685 LTE 4G CAT6 Router, H820 M2M 4G Router
<b>ROBUSTEL</b>	EG5100, LG5100, R1500, R1510, R1511P, R1520 Global, R1520-4L (S), R1520-4L (V), R2010, R2011, R2110, R3000, R3000 Industrial, R3000 LG, R3000 Lite, R3000 Quad, R3010
<b>SIEMENS</b>	6GK5876-4AA00-2BA2, 6GK5876-4AA00-2DA2, 6GK5876-4AA10-2BA2
<b>SIERRA WIRELESS</b>	AirLink LX40, AirLink LX60, AirLink MP70, AirLink RV50X, AirLink RV55, AirLink RX55
<b>TELTONIKA</b>	RUT200, RUT230, RUT240, RUT241, RUT260, RUT900, RUT901, RUT950, RUT951, RUT955, RUT956, RUTM09, RUTM11, RUTX09, RUTX11
<b>WAVETEL</b>	W2400 LTE , W3600 4G/LTE Dual WAN, W3604 Multi-WAN, W3608 Multi-WAN, W421, W4600, W4600-S2
<b>WLINK</b>	ER120, G200, G510, G520, R210, R220, R520
<b>ZYXEL</b>	LTE3202-M437, LTE3301-PLUS, LTE5388-M804, LTE5398-M904
<b>OTHER</b>	2 * SMA, 3 * SMA

## PLOTS

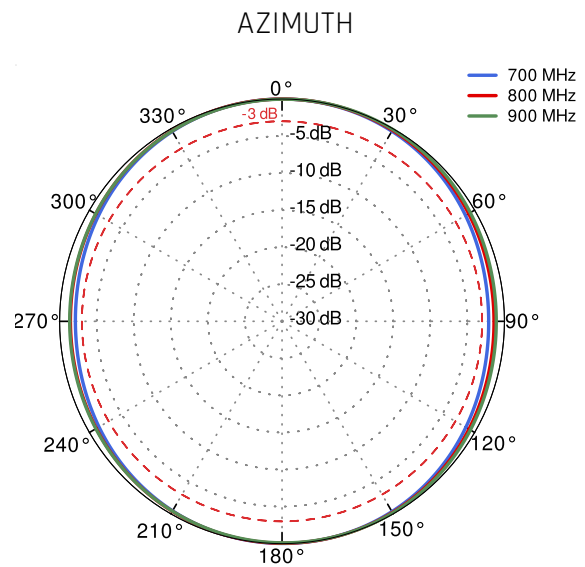
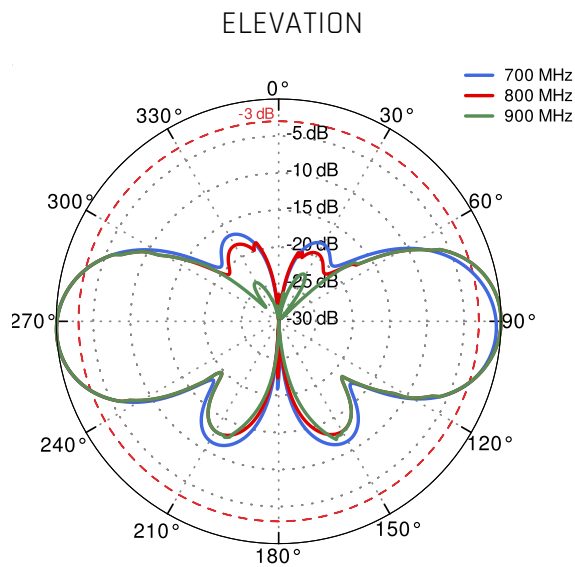
VSWR



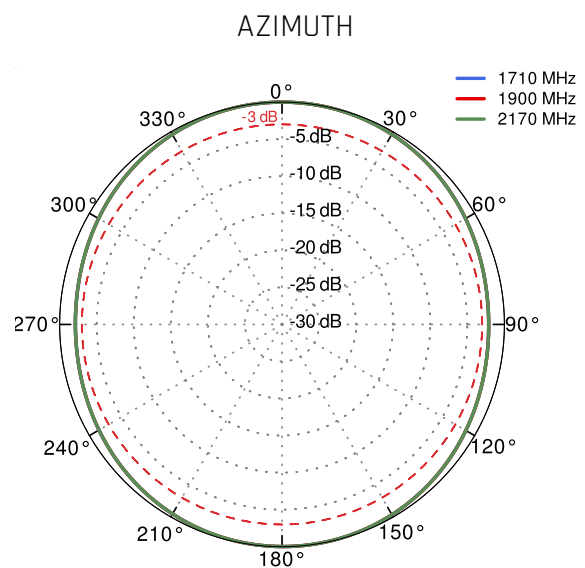
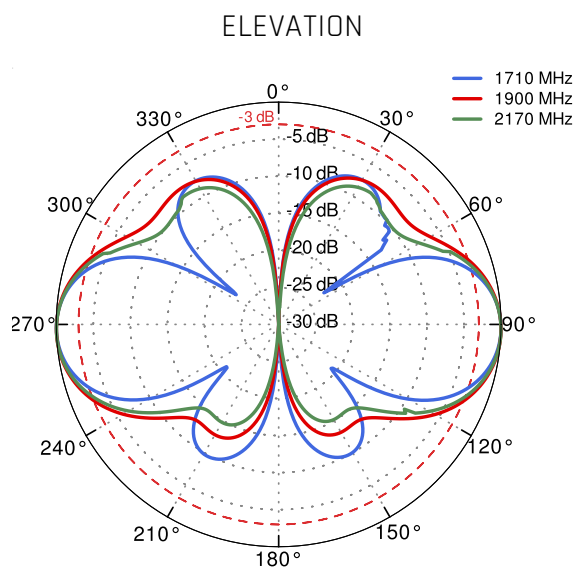
Gain



From 700MHz to 900MHz

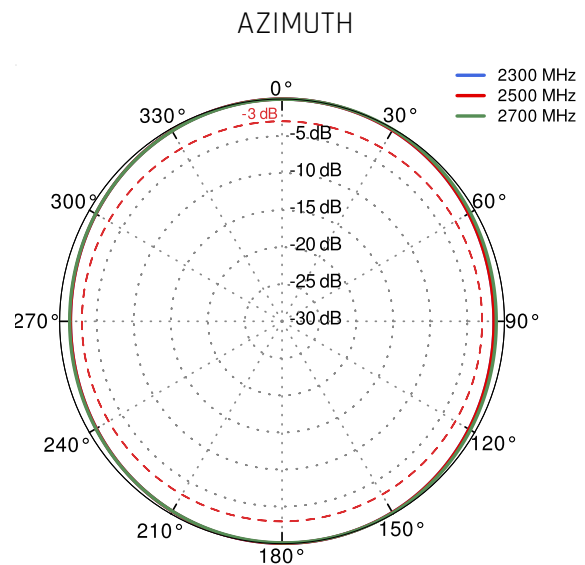
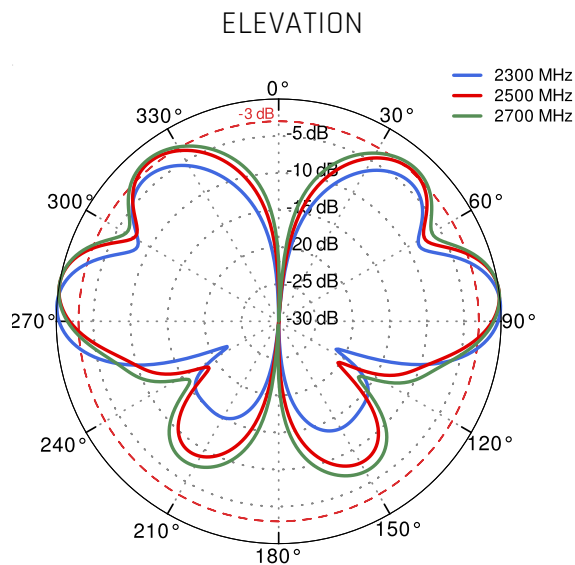


From 1.71GHz to 2.17GHz





From 2.3GHz to 2.7GHz



## DIMENSIONS

