

# QuOmni LTE MIMO 4x4

## Omnidirectional multiband LTE MIMO 4x4 antenna

QuOmni LTE omnidirectional MIMO 4x4 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 4x4 LTE/3G/2G modems and routers.

**4G**  
LTE**4x4 MIMO**  
**694-2700MHz**  
**4 dBi**  
**OMNI  
DIRECTIONAL**  
**IP 68**  
**-40° TO +80°**

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



GALVANIZED STEEL, WALL OR POLE  
MOUNTING BRACKET



FOUR SMA CONNECTORS



360° BEAMWIDTH



4DBI GAIN



MADE IN **EUROPE**



## LTE ANTENNA SPECIFICATION

FREQUENCY	694 - 960 MHz 1.7 - 2.2 GHz 2.5 - 2.7 GHz
GAIN	694 - 960 MHz : 2 dBi 1.7 - 2.2 GHz : 2 dBi 2.5 - 2.7 GHz : 3 dBi
SUPPORTED LTE/5G BANDS	1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 25, 26, 27, 28, 29, 33, 34, 35, 36, 37, 38, 39, 44, 65, 66, 67, 68, 69, 85, 103, n80, n81, n82, n83, n84, n86, n89, n95, n98, n100, n101, n256
VSWR	<1.50, max <2.50
BEAMWIDTH	360°/25° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 $\Omega$

## MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE
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
CABLE LENGTH	5m (P/N: AOLM4) or 10m (P/N: AOLM4-1) or Nf connector (P/N: AOLM4-N)
CABLE TYPE	LMR195 white
CONNECTOR TYPE	4x SMA
MAST DIAMETER	25-66 mm 0.98-2.60 inch

## FREQUENCY BANDS

**LTE / 4G GSM**

617 MHz	5	8	12	13	14	17	18	960 MHz
	19	20	26	27	28	29	44	
	67	68	85	103	n81	n82	n83	
	n89	n100						

**LTE / 4G UMTS**

1710 MHz	1	2	3	4	9	10	25	2170 MHz
	33	34	35	36	37	39	n80	
	n84	n86	n95	n98	n101			

**LTE / 4G**

2400 MHz	7	38	69					2700 MHz
-------------	---	----	----	--	--	--	--	-------------

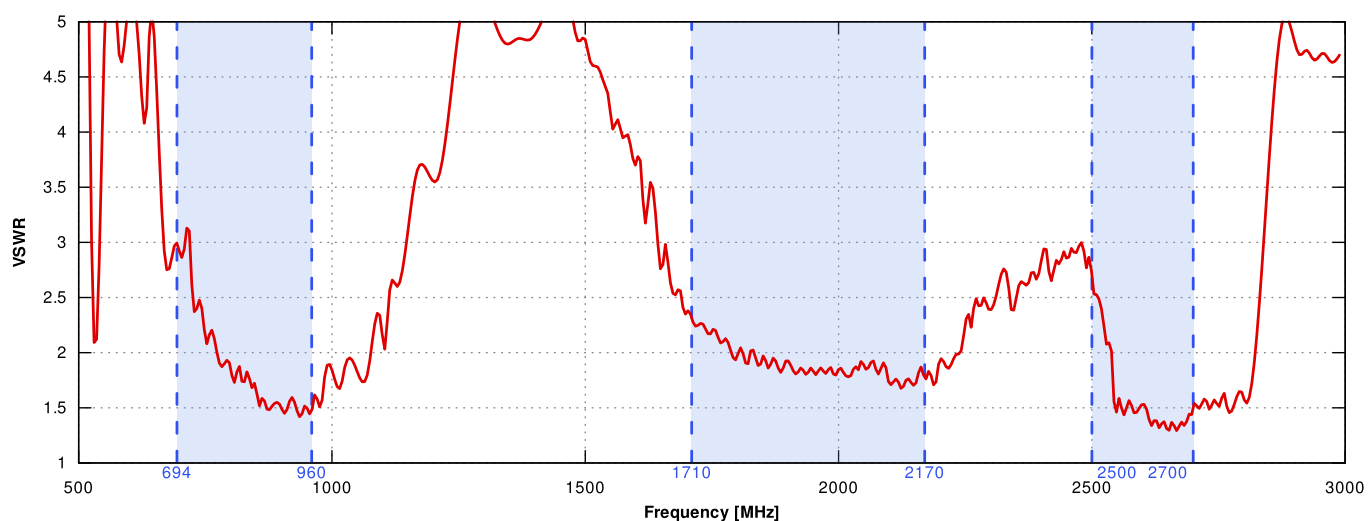
## COMPATIBLE ROUTERS

VARIANTS: AOLM4, AOLM4-1

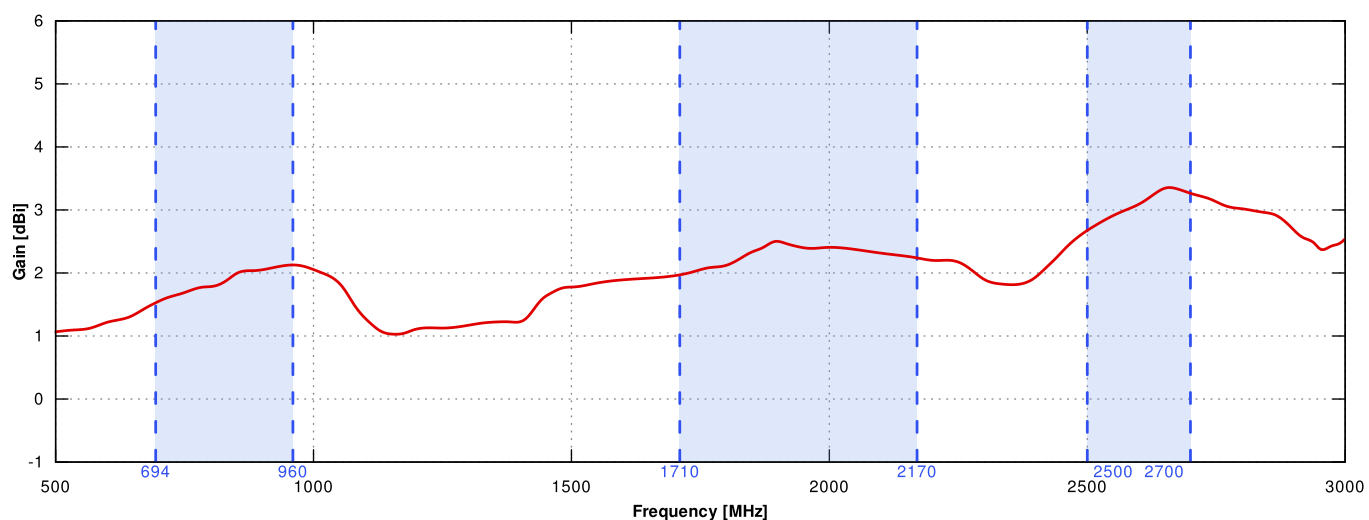
TELTONIKA	RUTX12, RUTX14
ROBUSTEL	EG5200, R2000
COMSET	CM770W-6
DIGI	TX54 LTE-Advanced
ERICSSON (CRADLEPOINT)	IBR1700
FORTINET	FEX-311F, FEX-311F
PEPLINK	BR1 Pro (CAT-20), BR1 Pro CAT-20, MAX HD2, MAX HD2 Mini, MAX Transit, UBR Plus
ROBUSTEL	EG5200, R2000
TELTONIKA	RUTX12, RUTX14
OTHER	4 * SMA

## PLOTS

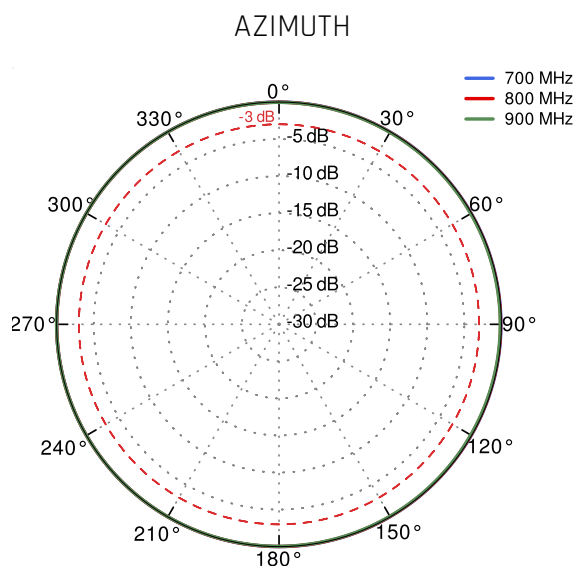
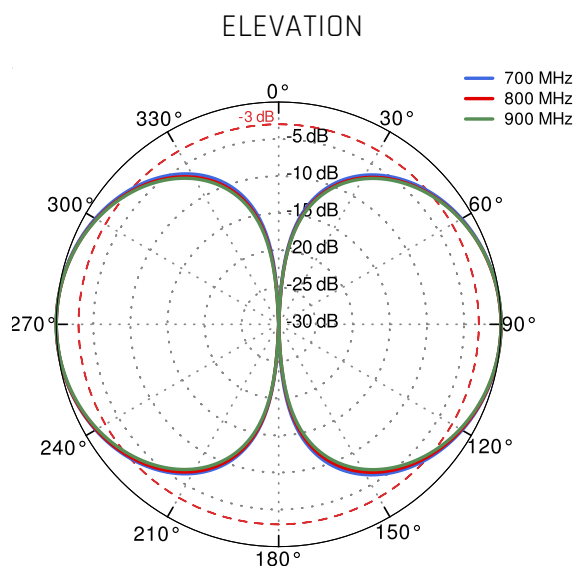
VSWR



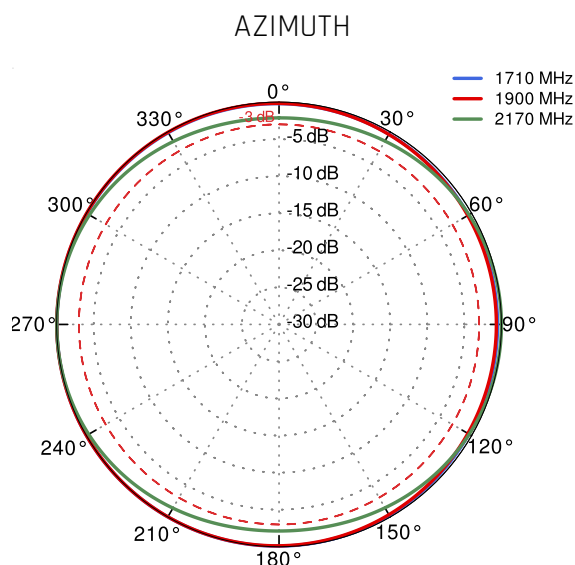
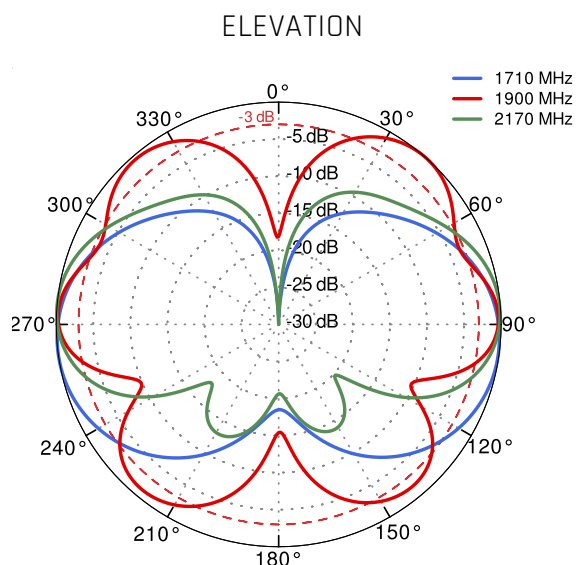
Gain



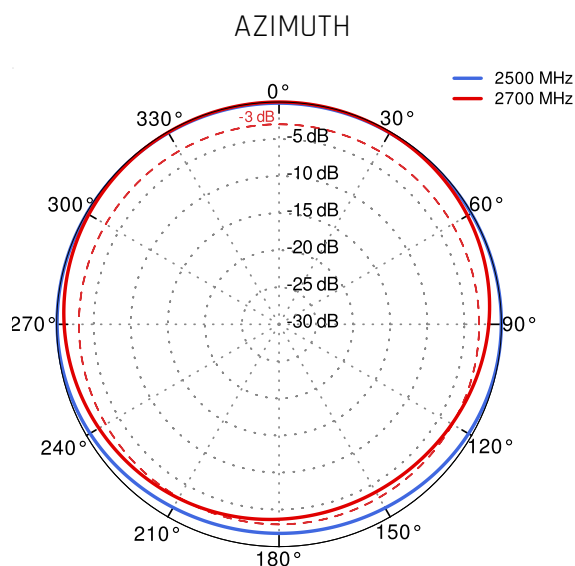
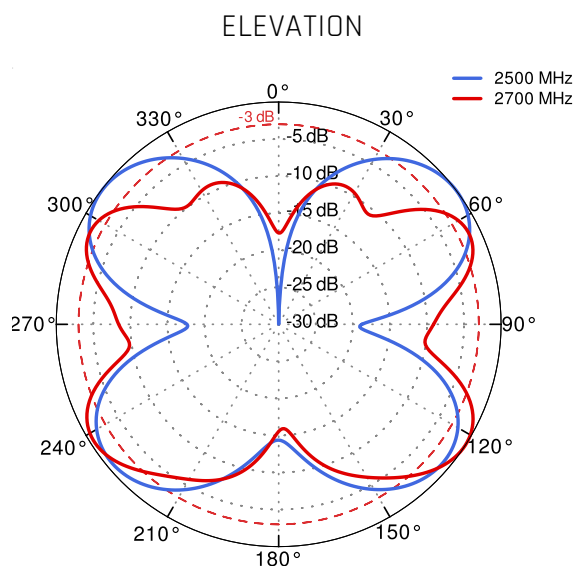
From 700MHz to 900MHz



From 1.71GHz to 2.17GHz



From 2.5GHz to 2.7GHz



## DIMENSIONS

