

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 Ω |

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 | 40-66 mm 1.57-2.60 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 |
|-------------|---|----|----|--|--|--|--|-------------|

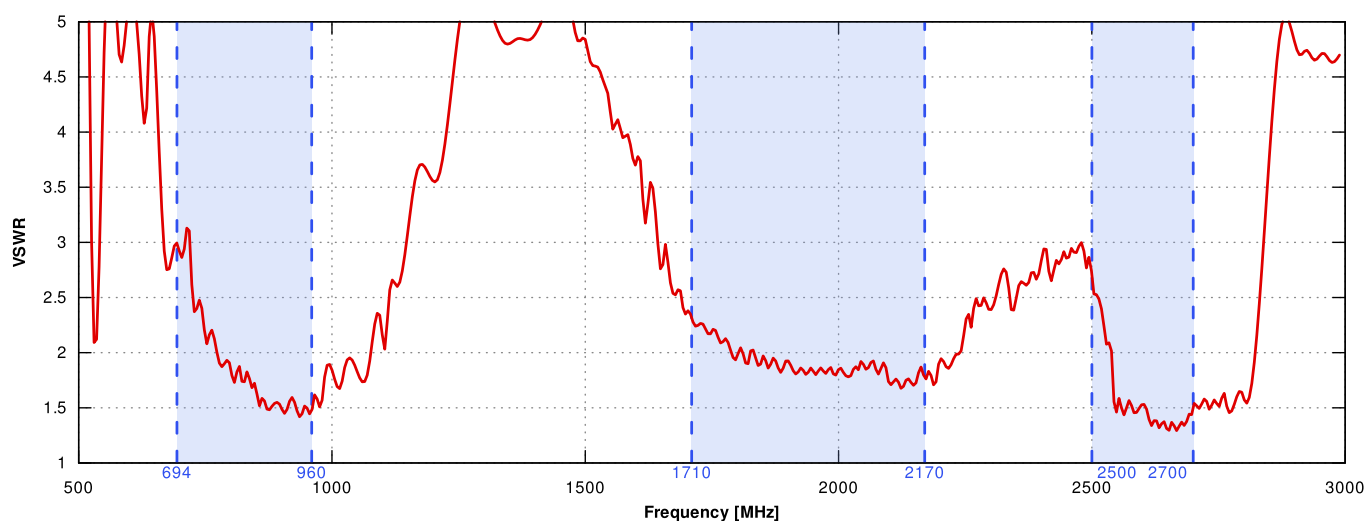
COMPATIBLE ROUTERS

VARIANTS: AOLM4, AOLM4-1

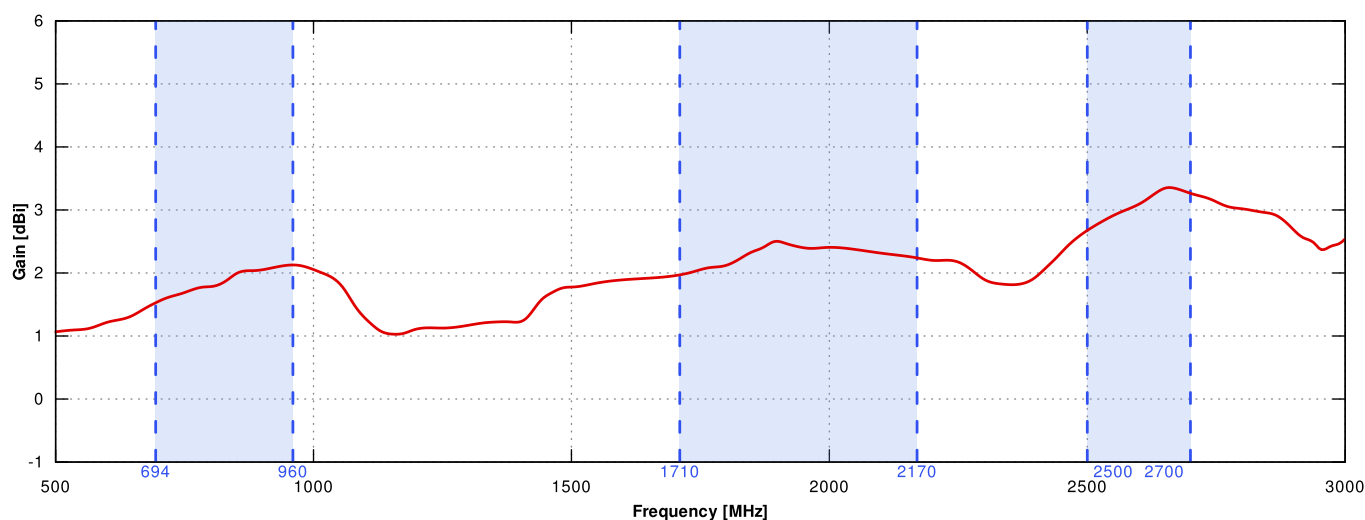
| | |
|------------------------|--|
| TELTONIKA | RUTX12, RUTX14 |
| ROBUSTEL | EG5200, R2000 |
| COMSET | CM770W-6 |
| DIGI | TX54 LTE-Advanced |
| ERICSSON (CRADLEPOINT) | IBR1700 |
| FORTINET | FEX-311F, FEX-311F |
| PEPLINK | BR1 Pro (CAT-20), BR1 Pro CAT-20, MAX HD2, MAX HD2 Mini, MAX Transit, UBR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

PLOTS

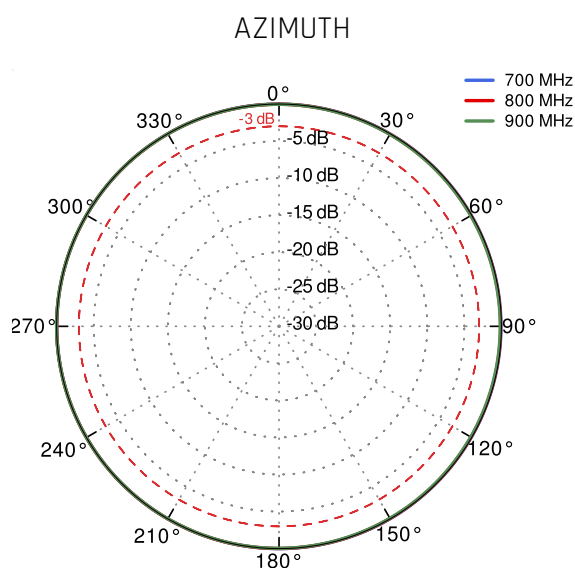
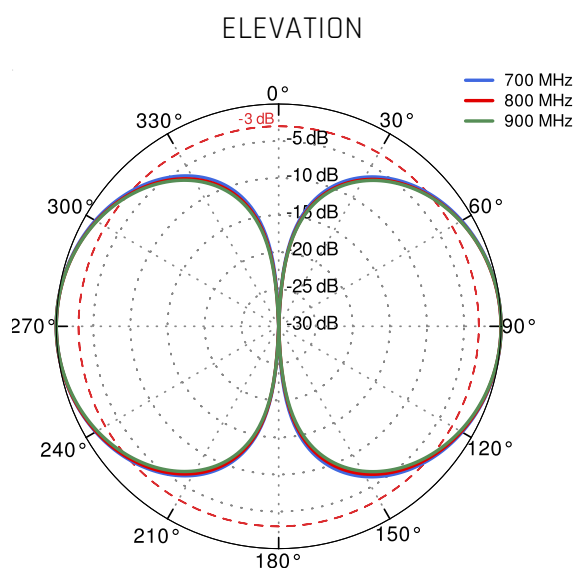
VSWR



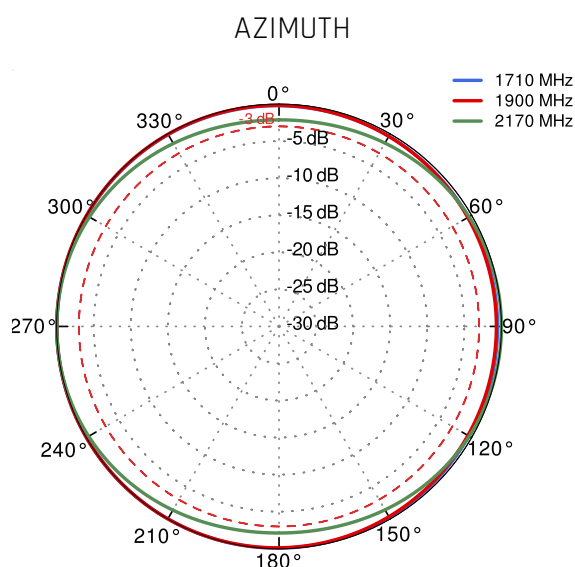
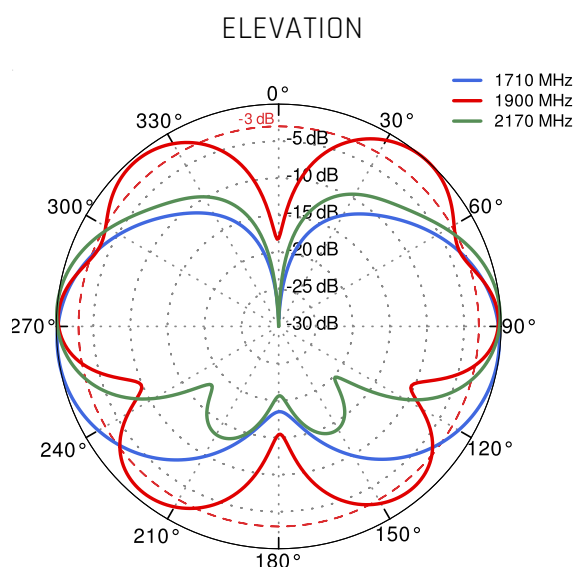
Gain



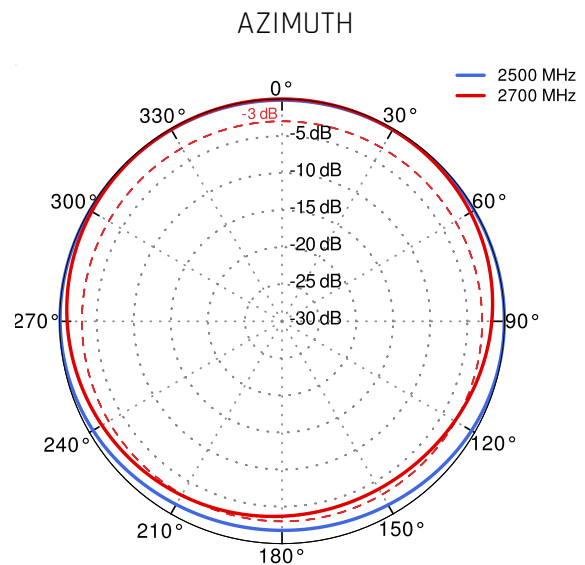
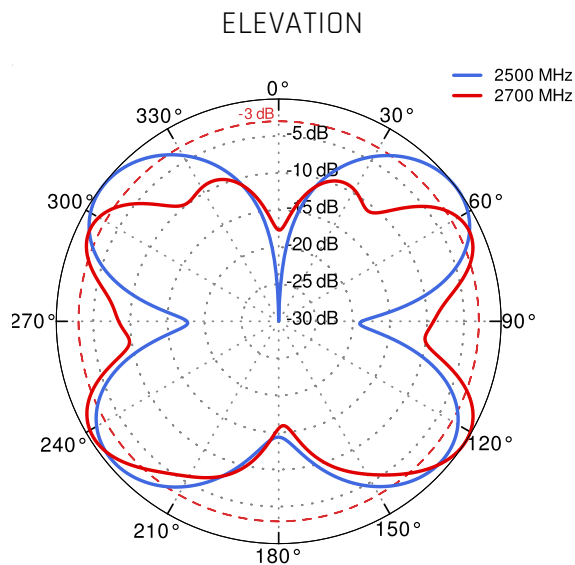
From 700MHz to 900MHz



From 1.71GHz to 2.17GHz



From 2.5GHz to 2.7GHz



DIMENSIONS

