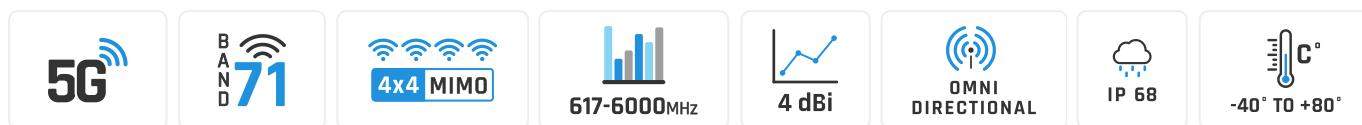


# Qu0mni 5G/LTE Global MIMO 4x4

## Omnidirectional ultra wideband 5G/LTE MIMO 4x4 antenna

Qu0mni 5G/LTE omnidirectional MIMO 4x4 is ultra wideband LTE Outdoor antenna. It's primary designed for LTE/5G/3G/2G devices which require high efficiency connections. The antenna covers many LTE bands including the new Extended LTE Band 71, frequencies: **617 - 6000MHz**. The mounting bracket allows the antenna 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/5G/3G/2G. It's ideal solution to use with all industrial and domestic 4x4 LTE modems and routers like: Teltonika, DIGI, Mikrotik, Robustel, Cisco, etc.



WIDE BAND 600-6000MHZ, 5G TECHNOLOGY



GALVANIZED STEEL, WALL OR POLE MOUNTING BRACKET



FOUR SMA CONNECTORS



360° BEAMWIDTH



4.5DBI GAIN



MADE IN EUROPE



## 5G / LTE ANTENNA SPECIFICATION

FREQUENCY	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.7 GHz 5.2 - 6.0 GHz
GAIN	617 - 960 MHz : 3 dBi 1.7 - 2.2 GHz : 4 dBi 3.3 - 4.7 GHz : 4.5 dBi 5.2 - 6.0 GHz : 2.5dBi
SUPPORTED LTE BANDS	1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 22, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 47, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, 106
SUPPORTED 5G BANDS	n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n47, n48, n53, n65, n66, n67, n71, n77, n78, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n100, n101, n256
VSWR	<1.80, max <2.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 $\Omega$

## MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE
CONNECTOR TYPE	SMA
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
MAST DIAMETER	25-66 mm 0.98-2.60 inch

## FREQUENCY BANDS

LTE / 4G	1	2	3	4	5	7	8
	9	10	12	13	14	17	18
	19	20	22	25	26	27	28
	29	30	33	34	35	36	37
	38	39	40	41	42	43	44
	47	48	49	52	53	65	66
	67	68	69	71	85	103	106
	617 MHz						6000 MHz

**5G**617  
MHz

n1

n2

n3

n5

n7

n8

n12

n13

n14

n18

n20

n25

n26

n28

n29

n30

n34

n38

n39

n40

n41

n47

n48

n53

n65

n66

n67

n71

n77

n78

n80

n81

n82

n83

n84

n85

n86

n89

n90

n95

n97

n98

n100

n101

n256

6000  
MHz **COMPATIBLE ROUTERS**

VARIANTS: A05G4-G, A05G4-G1

**TELTONIKA**

RUTC50, RUTM51, RUTM54, RUTX12, RUTX14, RUTX50, TRB500

**ROBUSTEL**

EG5120, EG5200, R2000, R5010, R5020, R5020 Lite

**COMSET**

CM550W, CM580W, CM685VX, CM770W-6, CM950W

**DIGI**

EX50, IX40, TX54 LTE-Advanced, TX64

**ERICSSON (CRADLEPOINT)**

E300, E3000, IBR1700, R1900, R980, W1850, W4005

**FORTINET**

FEX-311F, FEX-311F

**FOUR-FAITH**

5G Industrial CPE F-NR200, 5G Industrial Router F-NR100, 5G SIM WiFi Router F-NR120, 5G Smart Light Pole Gateway F-G300, 5G WiFi Router with SIM Card Slot F-NR130, Smart Light Pole Gateway F-G310

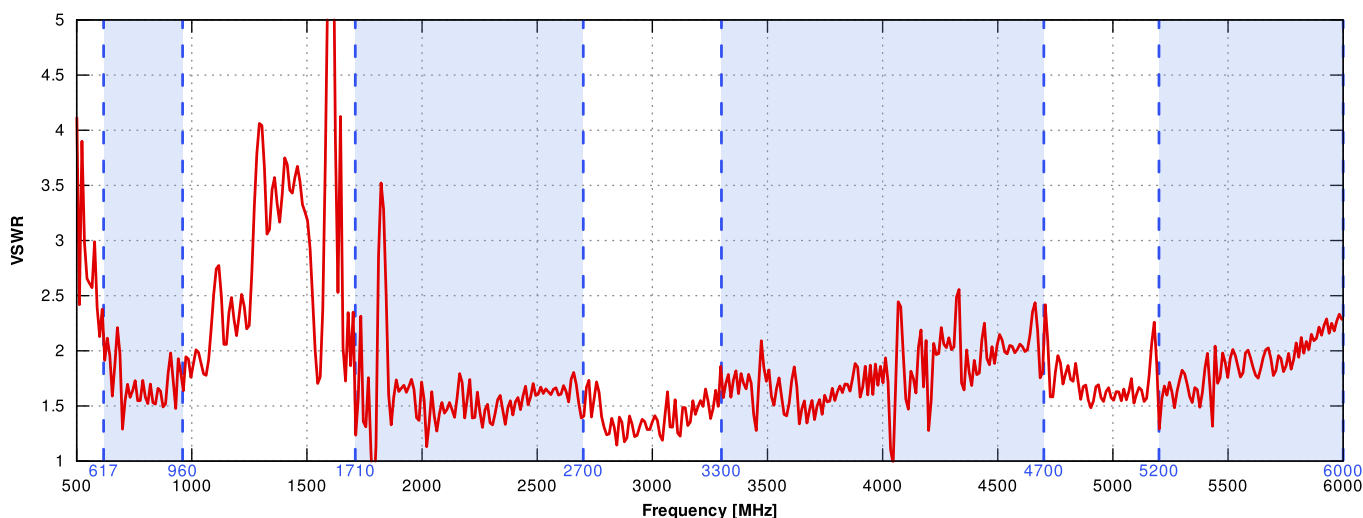
**MILESIGHT**

UF31, UR75

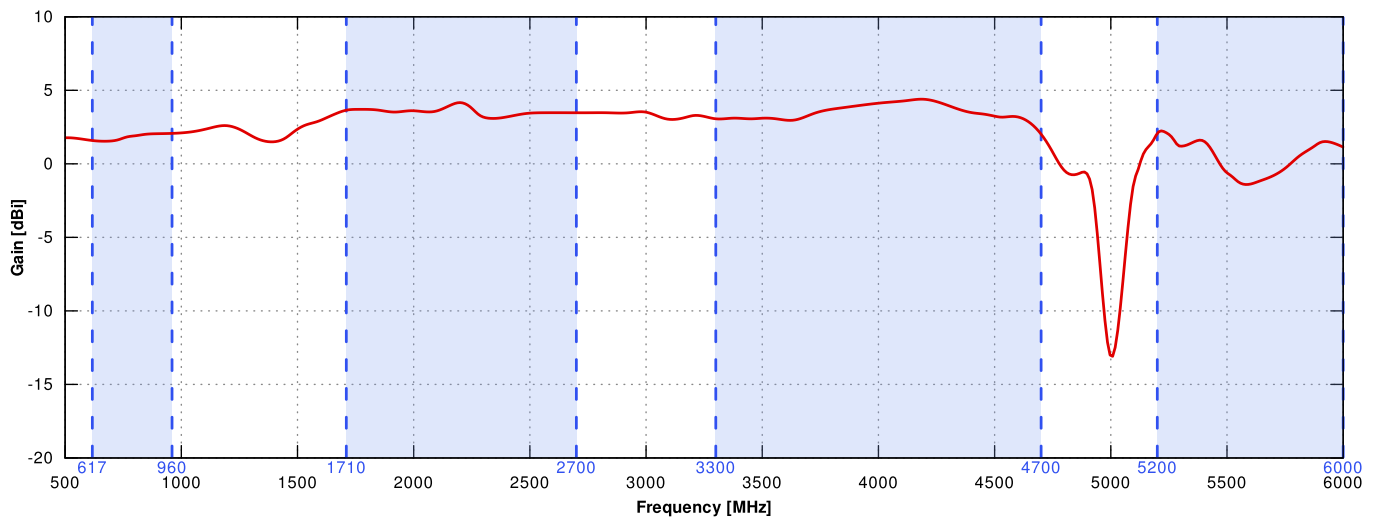
PEPLINK	Balance 310 5G, Balance 310 fiber 5G, BR1 Mini 5G, BR1 Pro (CAT-20), BR1 Pro CAT-20, BR2 PRO, MAX BR1 Pro 5G, MAX HD2, MAX HD2 Mini, MAX Transit, MAX Transit Duo Pro, UBR Plus
PROROUTE	H685 WRT M2M 5G Router, H900 5G Router
ROBUSTEL	EG5120, EG5200, R2000, R5010, R5020, R5020 Lite
SEMTECH (SIERRA WIRELESS)	AirLink MG90 5G, XR60
SIEMENS	6GK5853-2EA00-2DA1
TELTONIKA	RUTC50, RUTM51, RUTM54, RUTX12, RUTX14, RUTX50, TRB500
WAVETEL	W4600-NR 5G, W4A00 5G, WNR320 5G, WNR340 5G
WLINK	G230, G530, G530
ZYXEL	Nebula FWA510
OTHER	4 * SMA

## PLOTS

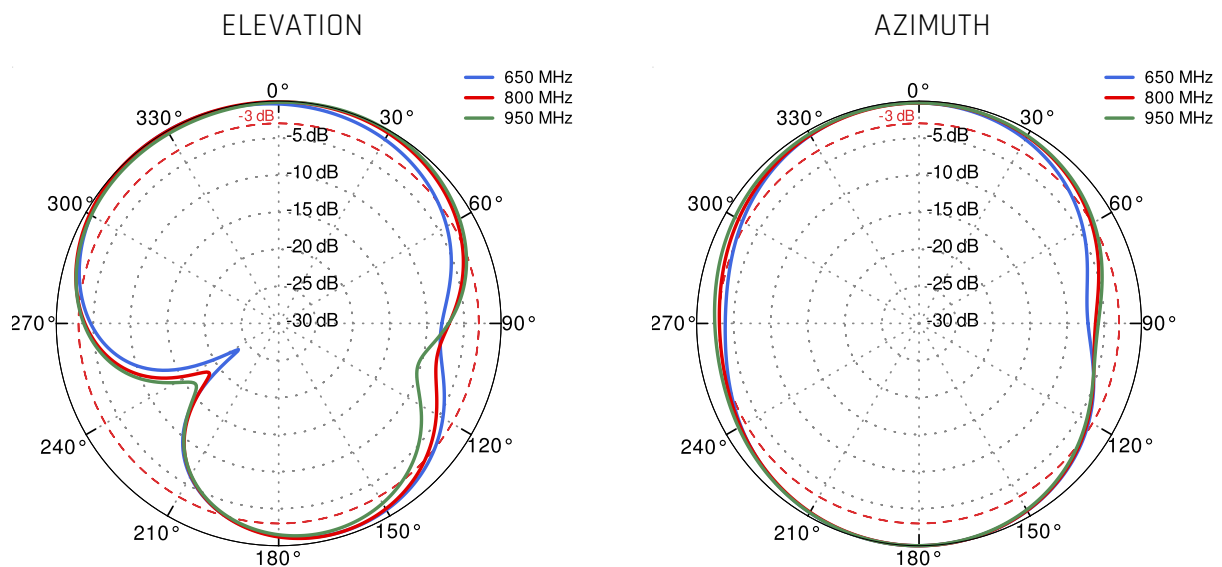
VSWR



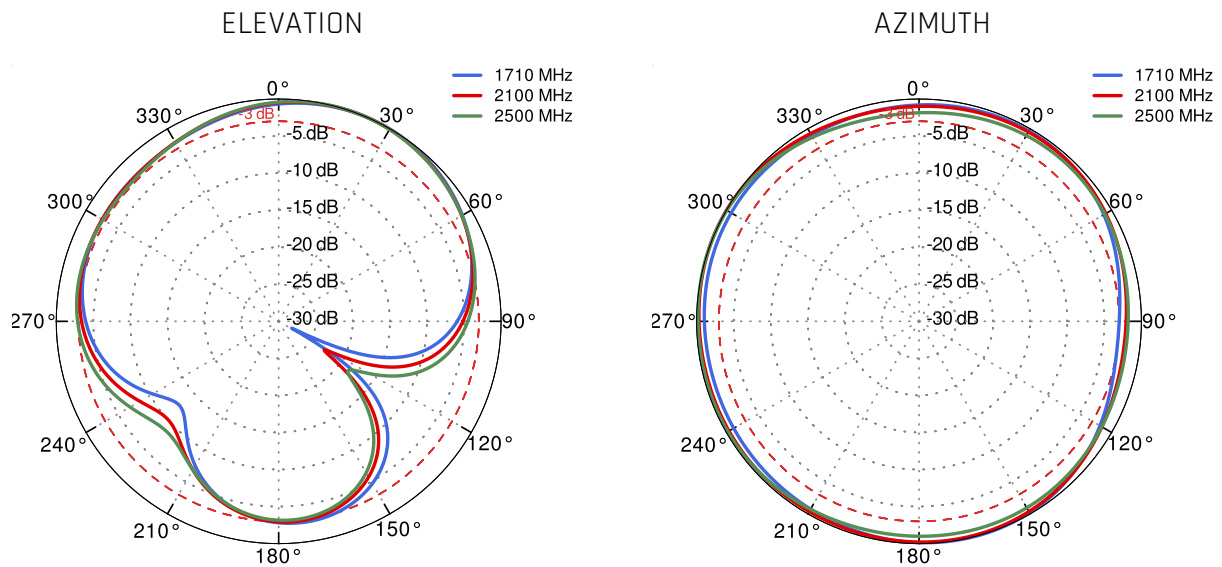
Gain



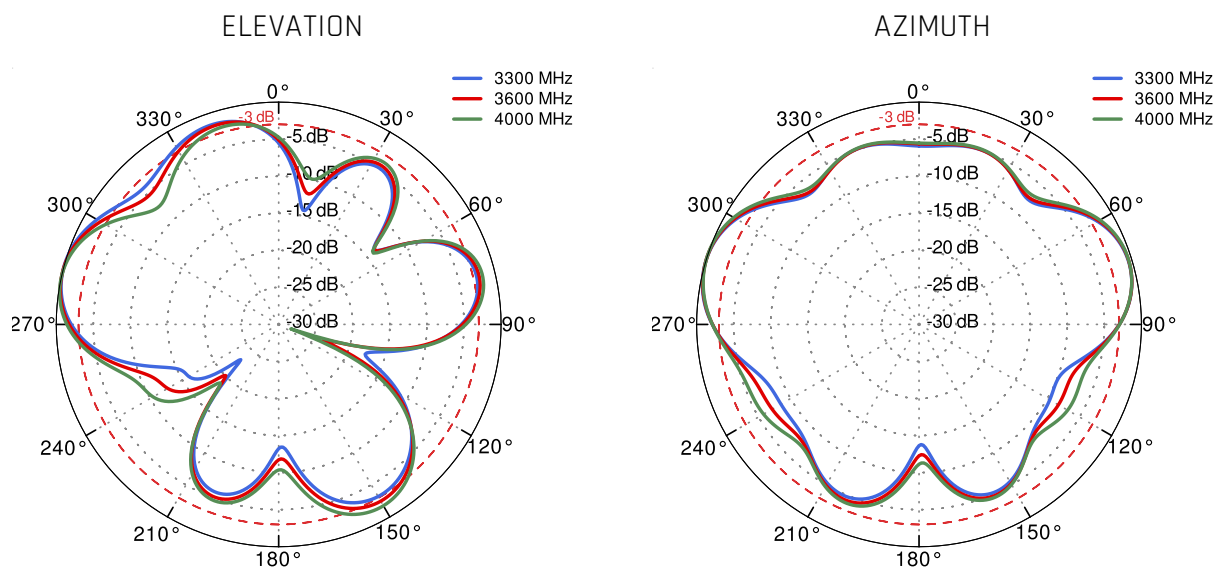
From 650MHz to 950MHz



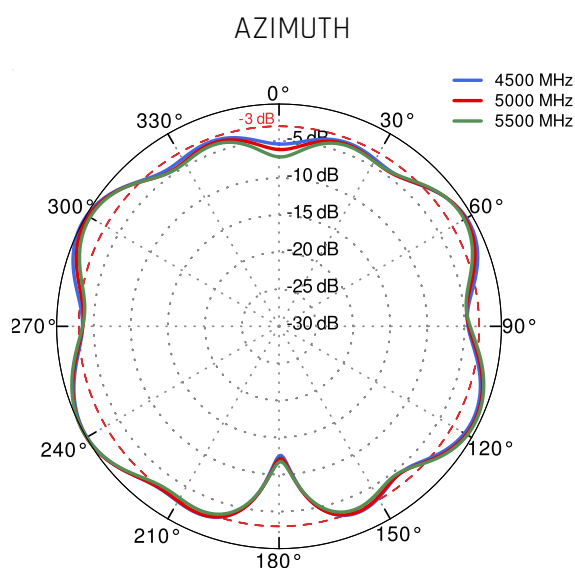
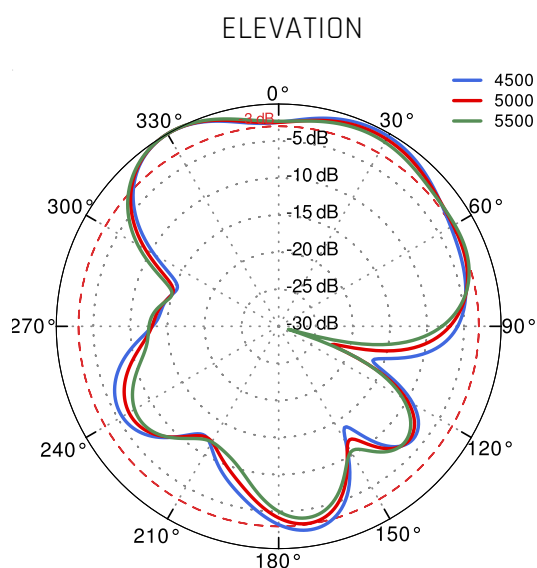
From 1.71GHz to 2.5GHz



From 3.3GHz to 4.0GHz



From 4.5GHz to 5.5GHz



## DIMENSIONS

