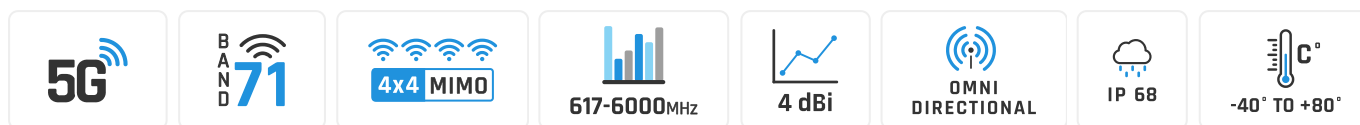


# QuOmni 5G/LTE Global MIMO 4x4 Nf

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

QuOmni 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 NF CONNECTORS



360° BEAMWIDTH



4.5DBI GAIN



MADE IN EUROPE



## 5G / LTE ANTENNA SPECIFICATION

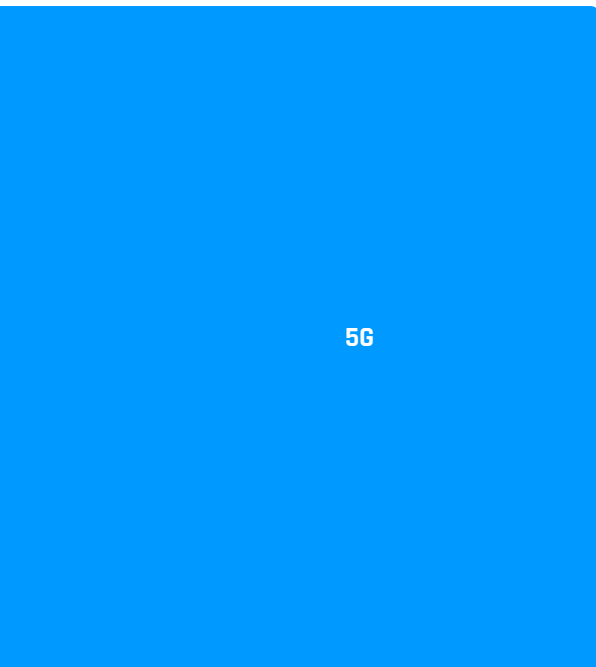
FREQUENCY	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.7 GHz 5.2 - 6.0 GHz
GAIN	617 - 960 MHz : 3 dBi 1.7 - 2.2 GHz : 4 dBi 3.3 - 4.7 GHz : 4.5 dBi 5.2 - 6.0 GHz : 2.5dBi
SUPPORTED LTE BANDS	1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 22, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 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	Nf
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	40-60 mm 1.57-2.36 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



	n1	n2	n3	n5	n7	n8	n12	
	n13	n14	n18	n20	n25	n26	n28	
	n29	n30	n34	n38	n39	n40	n41	
617 MHz	n47	n48	n53	n65	n66	n67	n71	6000 MHz
	n77	n78	n80	n81	n82	n83	n84	
	n85	n86	n89	n90	n95	n97	n98	
	n100	n101	n256					

## COMPATIBLE ROUTERS

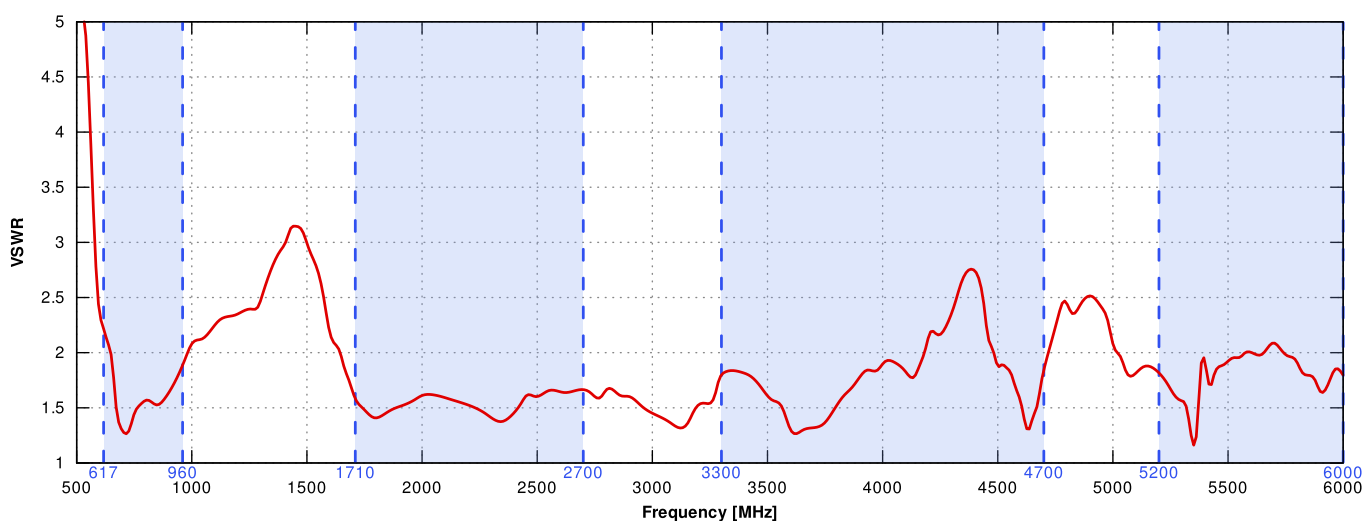
VARIANT: AO5G4-GN

TELTONIKA	RUTC50, RUTM51, RUTM54, RUTX12, RUTX14, RUTX50, TRB500
ROBUSTEL	EG5120, EG5200, R2000, R5010, R5020, R5020 Lite
COMSET	CM550W, CM580W, CM685VX, CM770W-6, CM950W
CRADLEPOINT	E300, E3000, IBR1700, R1900, W1850, W2005, W4005
DIGI	EX50, IX40, TX54 LTE-Advanced, TX64
EE 5G (5GEE)	Smart 5G Hub
FIBOCOM	FM150-AE, FM150-NA, FM160-EAU, FM160-JK, FM160-NA, FM160-PN, FM190-GL, FM190W-GL, NL952-EAU, NL952-NA
FORTINET	FEX-311F, FEX-311F

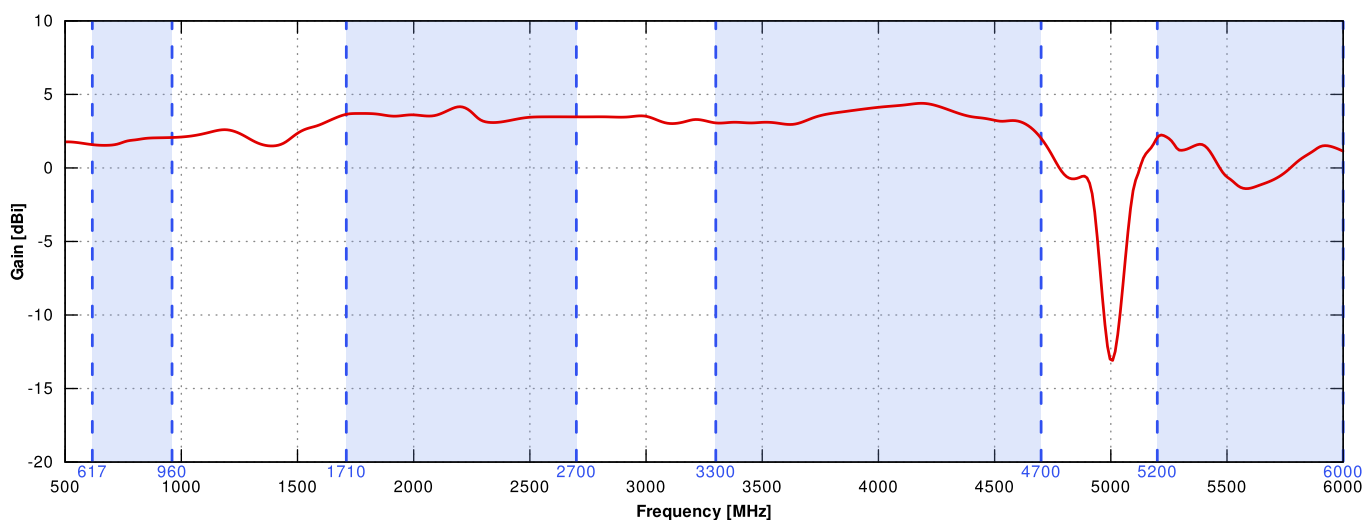
<b>FOUR-FAITH</b>	5G Industrial CPE F-NR200, 5G Industrial Router F-NR100, 5G SIM WiFi Router F-NR120, 5G Smart Light Pole Gateway F-G300, 5G WiFi Router with SIM Card Slot F-NR130, Smart Light Pole Gateway F-G310
<b>MILESIGHT</b>	UF31, UR75
<b>PEPLINK</b>	Balance 310 5G, Balance 310 fiber 5G, BR1 Mini 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
<b>PROROUTE</b>	H685 WRT M2M 5G Router, H900 5G Router
<b>QUECTEL</b>	5G RM500Q-AE, 5G RM500Q-GL, 5G RM502Q-GL, 5G RM505Q-AE, 5G RM510Q-GL, 5G RM520N-EU, 5G RM520N-GL, 5G RM521F-GL, 5G RM530N-GL, LTE-A EM160R-GL
<b>ROBUSTEL</b>	EG5120, EG5200, R2000, R5010, R5020, R5020 Lite
<b>SEMTECH (SIERRA WIRELESS)</b>	AirLink MG90 5G, EM9190, EM9191, EM9291, XR60
<b>SIEMENS</b>	6GK5853-2EA00-2DA1, 6GK5856-2EA00-3AA1, 6GK5856-2EA00-3DA1
<b>SIMCOM</b>	SIM8202X-M2, SIM8260G-M2, SIM8262X-M2 Series, SIM8380G-M2
<b>TELIT CINTERION</b>	FN980/FN980m, FN990A40/A28, LM960A18 Series, MV31, MV32
<b>TELTONIKA</b>	RUTC50, RUTM51, RUTM54, RUTX12, RUTX14, RUTX50, TRB500
<b>WAVETEL</b>	W4600-NR 5G, W4A00 5G, WNR320 5G, WNR340 5G
<b>WLINK</b>	G230, G530, G530
<b>ZTE</b>	ZM9020
<b>ZYXEL</b>	Nebula FWA510, NR5103
<b>OTHER</b>	4 * SMA

# **PLOTS**

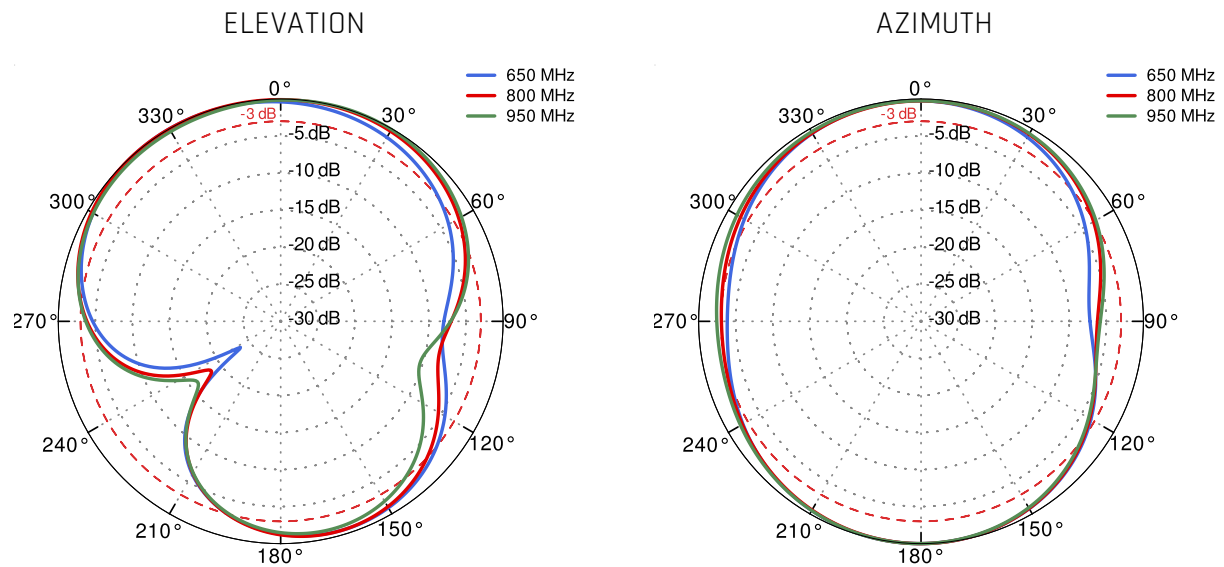
VSWR



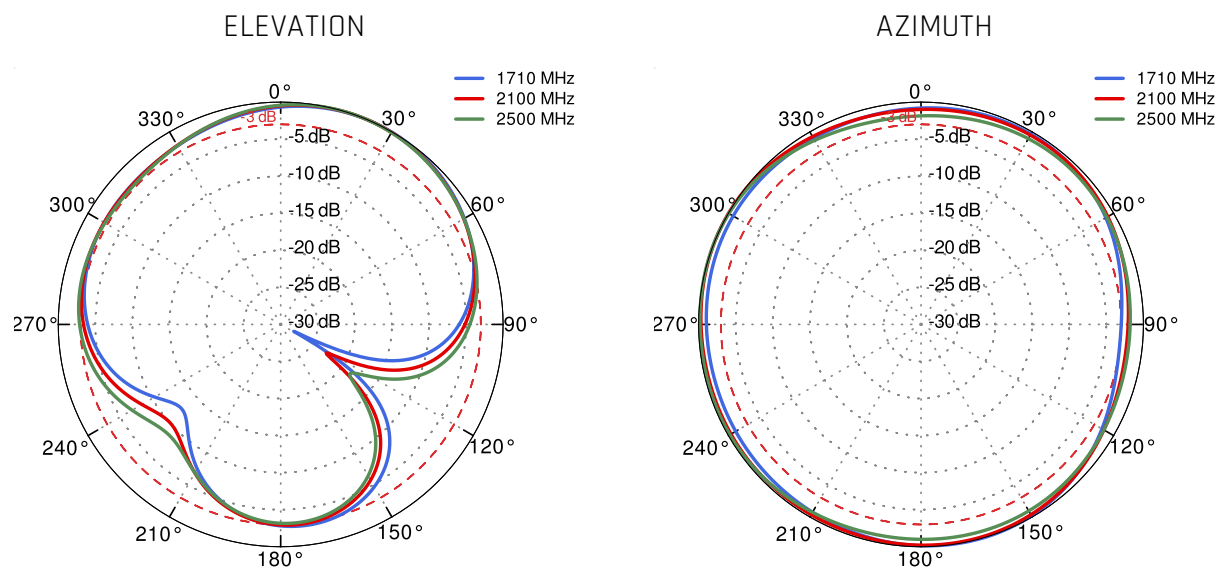
Gain



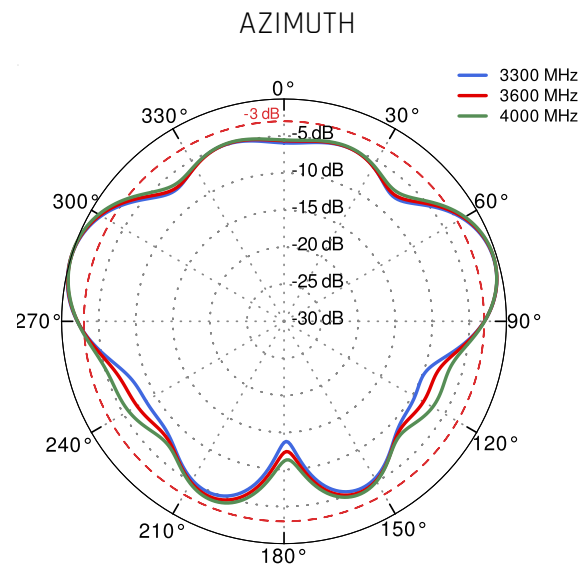
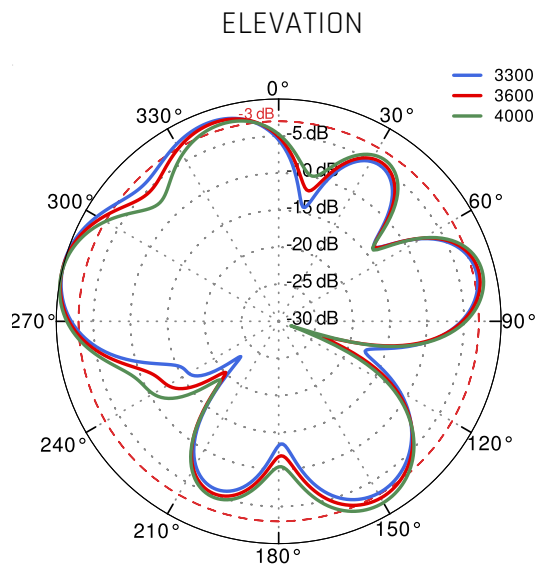
From 650MHz to 950MHz



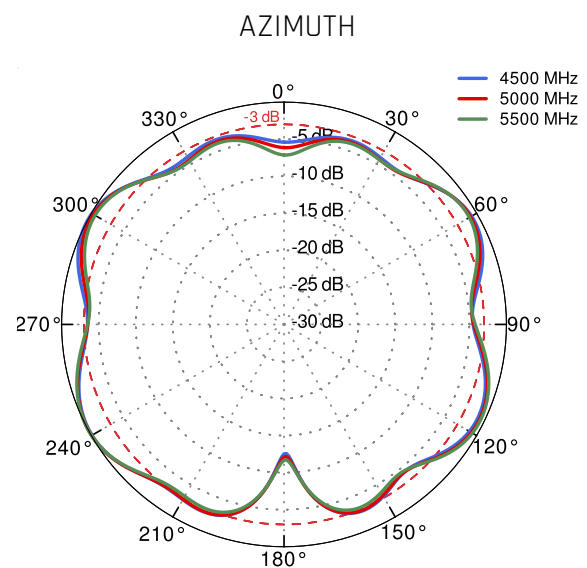
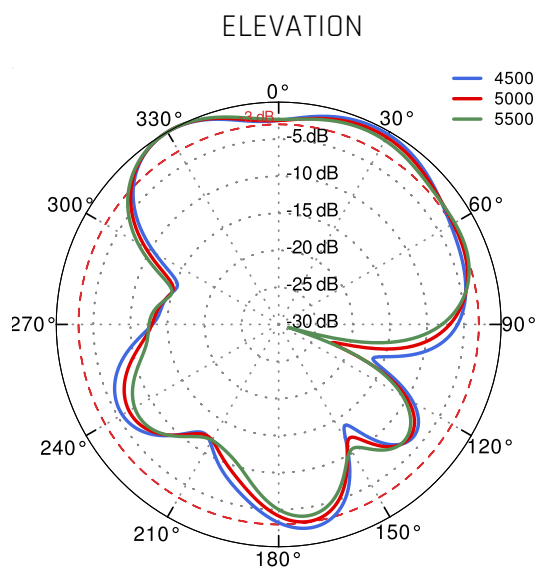
From 1.71GHz to 2.5GHz



From 3.3GHz to 4.0GHz



From 4.5GHz to 5.5GHz





## DIMENSIONS

