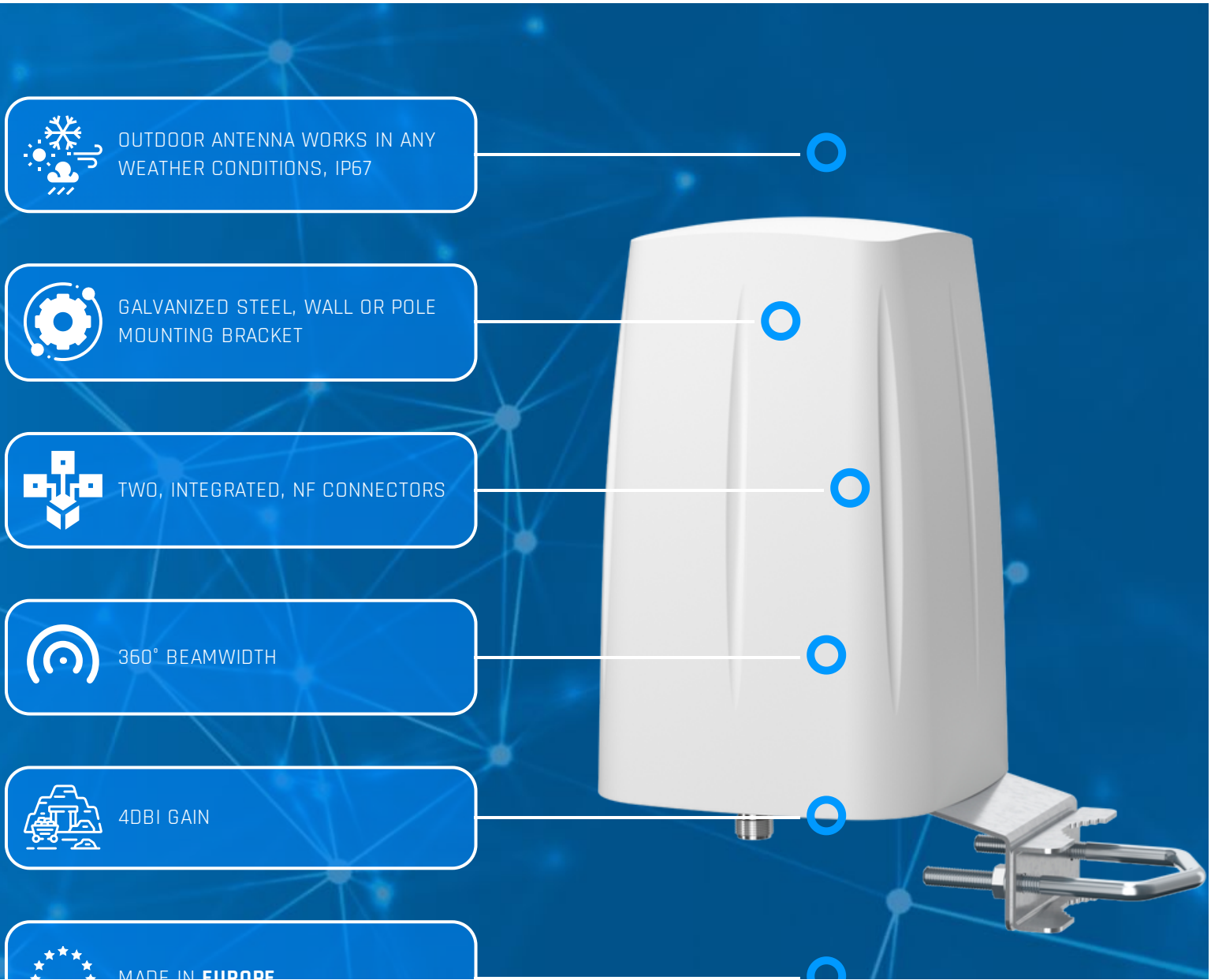
QuOmni LTE MIMO 2x2 Nf

Omnidirectional multiband LTE MIMO 2x2 antenna

QuOmni LTE omnidirectional MIMO 2x2 LTE outdoor antenna operates with vertical polarization and is designed for LTE/3G/2G connections. It supports various popular LTE bands (such as 3, 7, 20) across frequencies ranging from 694 MHz to 2700 MHz.

This versatile antenna can be mounted on either on pole or wall. It can be used as an outdoor client antenna, or it can be installed on mobile platforms like trains, buses, trucks, yachts, and boats to enable LTE/3G internet reception.

It is fully compatible with a range of Teltonika products, including the RUT240, RUT900, RUT950, RUT955, RUTX09, RUTX11, as well as other MIMO 2x2 LTE/3G/2G modems and routers.



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 Ω

MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE
CONNECTOR TYPE	Integrated Nf
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

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FREQUENCY BANDS

LTE / 4G GSM	617 MHz	5	6	8	12	13	14	17	960 MHz
		18	19	20	26	27	28	29	
		44	67	68	85	n81	n82	n83	
		n89							
LTE / 4G UMTS	1710 MHz	1	2	3	4	9	10	25	2170 MHz
		33	34	35	36	37	39	59	
		62	n80	n84	n86	n95			
LTE / 4G WCS DARS	2300 MHz	30	40						2400 MHz
LTE / 4G	2400 MHz	7	38	41	53	69	n90		2700 MHz

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COMPATIBLE ROUTERS

VARIANT: AOLM2-N

TELTONIKA	RUT200, RUT230, RUT240, RUT241, RUT260, RUT900, RUT901, RUT950, RUT951, RUT955, RUT956, RUTX09, RUTX11
DIGI	6310-DX, 6330-MX, EX12, EX15, IX10, IX20, WR31, WR44 RR
ROBUSTEL	EG5100, LG5100, R1500, R1510, R1511P, R1520 Global, R2010, R2011, R2110, R3000, R3000 Industrial, R3000 LG, R3000 Lite, R3000 Quad, R3010
ANYBUS	Wireless Router WLAN
COMSET	CM210A-W, CM210Q-W, CM510Q-W, CM685T-W, CM685V-1, CM685V-4, CM685V-6, CM685V-6-G, CM820T-W, CM820V-4, CM820V-W
CRADLEPOINT	CBA550, E100, E102, IBR200, IBR600C, IBR900, L950, R500
D-LINK	G415 AX1500, G416 AX1500, N300 4G
DIGI	6310-DX, 6330-MX, EX12, EX15, IX10, IX20, WR31, WR44 RR
FORTINET	FEX-101F, FEX-201F, FEX-211E, FEX-212F
FOUR-FAITH	4G Cellular Router F-R100, Cellular Wireless Router F-R200, Dual-sim WiFi Router F3946, Industrial WiFi Router F3X36Q, LAN Port Router F3X26 V2, LTE Industrial Router F3X27 V2, LTE Wireless Router F3x36
MIKROTIK	RB912, RB922, RBM11G, RBM33G
MILESIGHT	UR32
PEPLINK	MAX BR1 Classic, MAX BR1 ENT, MAX BR1 M2M, MAX BR1 Mini, MAX BR1 MK2, MAX BR1 Pro, MAX BR1 Slim
PROROUTE	H685 4G Router

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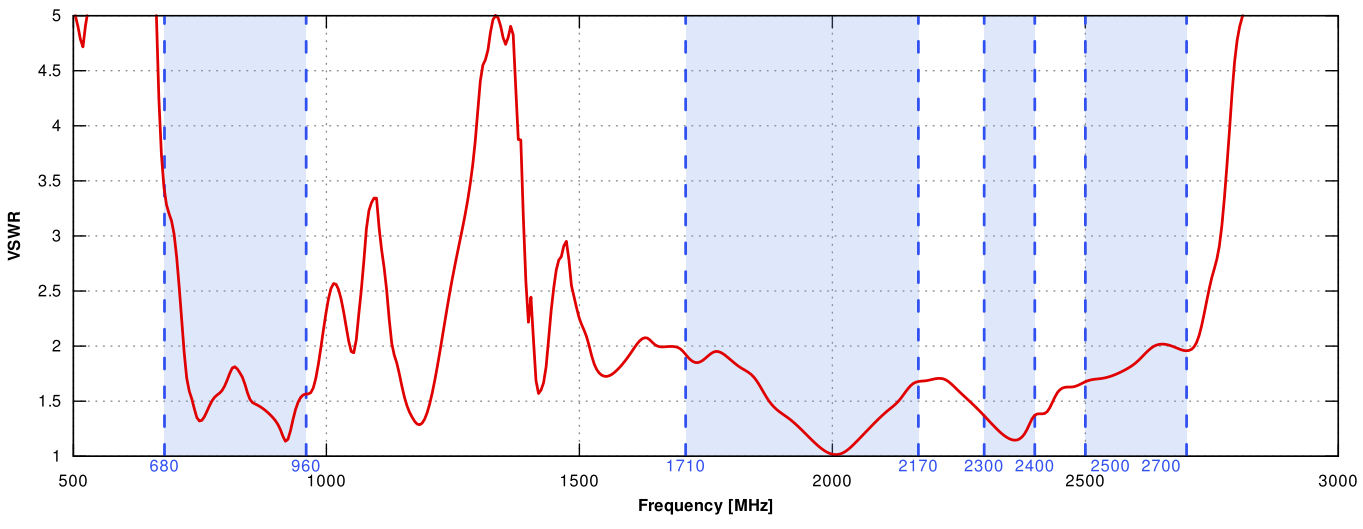
QUECTEL	LTE-A EM060K-EA, LTE-A EM060K-GL, LTE-A EM061K-GL, LTE-A EM120K-GL, LTE-A EM120R-GL
ROBUSTEL	EG5100, LG5100, R1500, R1510, R1511P, R1520 Global, R2010, R2011, R2110, R3000, R3000 Industrial, R3000 LG, R3000 Lite, R3000 Quad, R3010
SIEMENS	6GK5876-4AA00-2BA2, 6GK5876-4AA00-2DA2, 6GK5876-4AA10-2BA2
SIERRA WIRELESS	AirLink LX40, AirLink LX60, AirLink MP70, AirLink RV50X, AirLink RV55, AirLink RX55
TELTONIKA	RUT200, RUT230, RUT240, RUT241, RUT260, RUT900, RUT901, RUT950, RUT951, RUT955, RUT956, RUTX09, RUTX11
WAVETEL	W2400 LTE , W3600 4G/LTE Dual WAN, W3604 Multi-WAN, W3608 Multi-WAN, W421, W4600, W4600-S2
WLINK	G200, G510, G520, R210, R220, R520
OTHER	2 * SMA, 3 * SMA

PLOTS

VSWR



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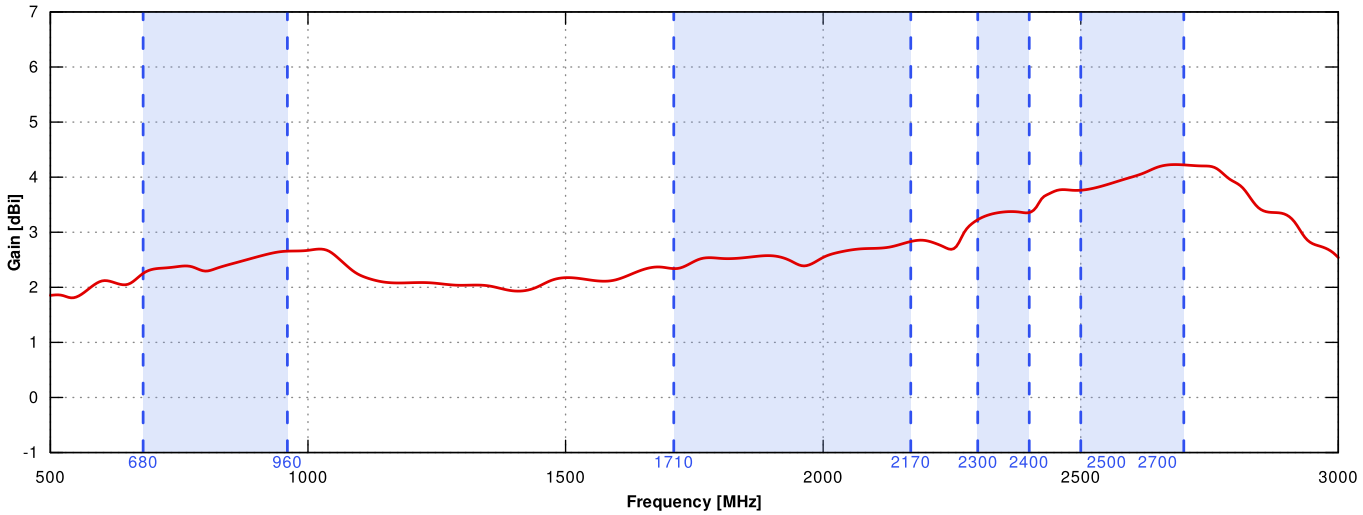
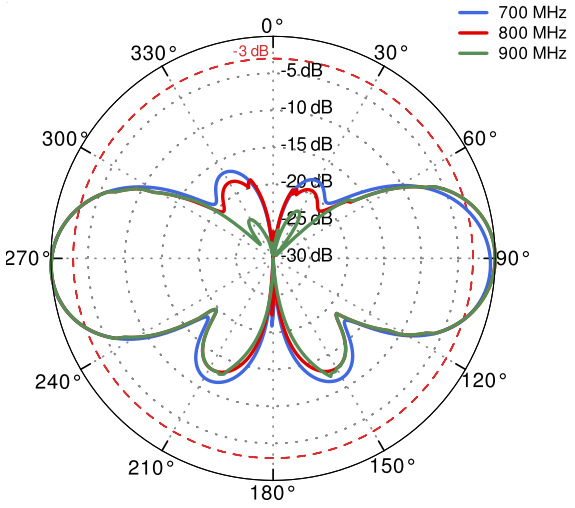
Gain

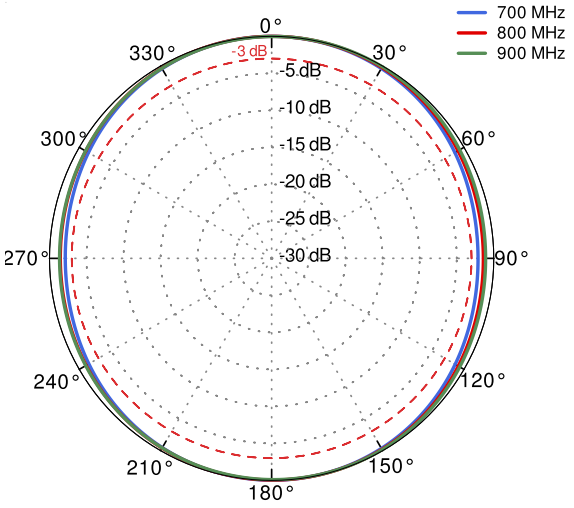


From 700MHz to 900MHz

ELEVATION



AZIMUTH



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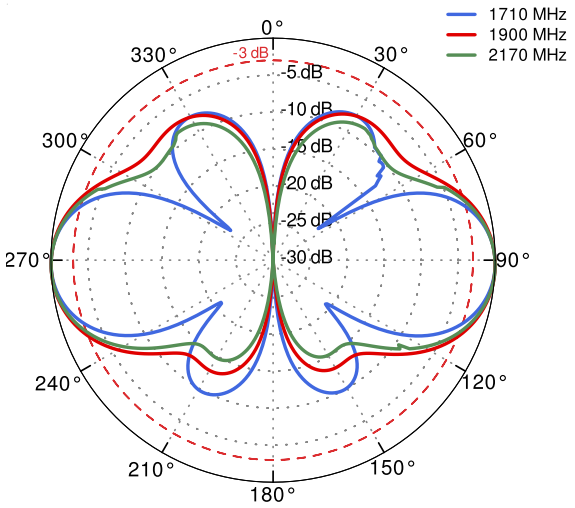
From 1.71GHz to 2.17GHz

ELEVATION



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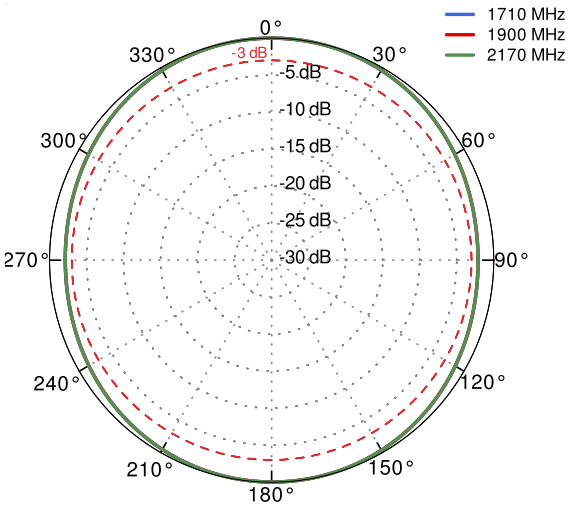
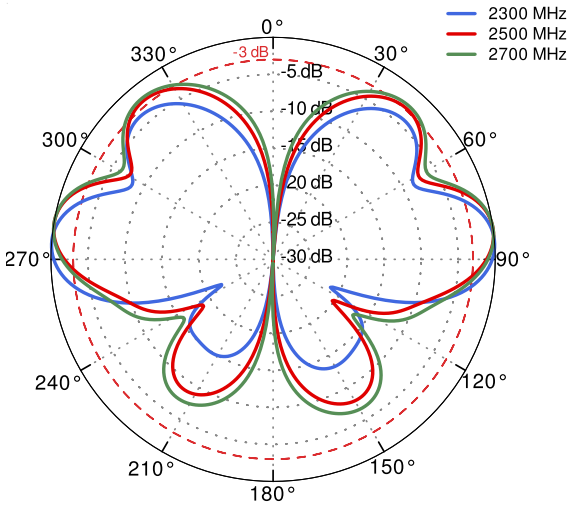


From 2.3GHz to 2.7GHz

ELEVATION



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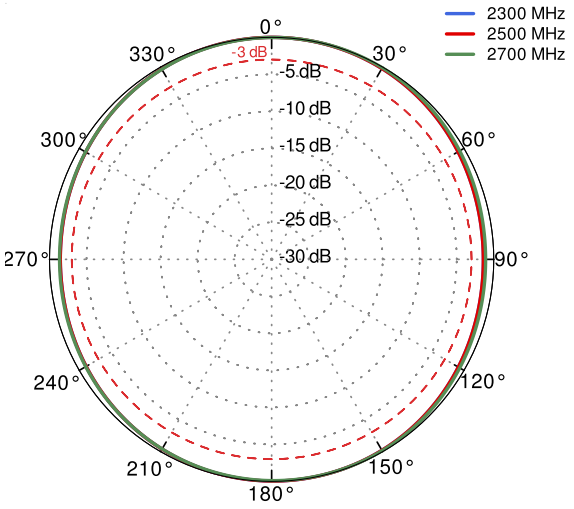

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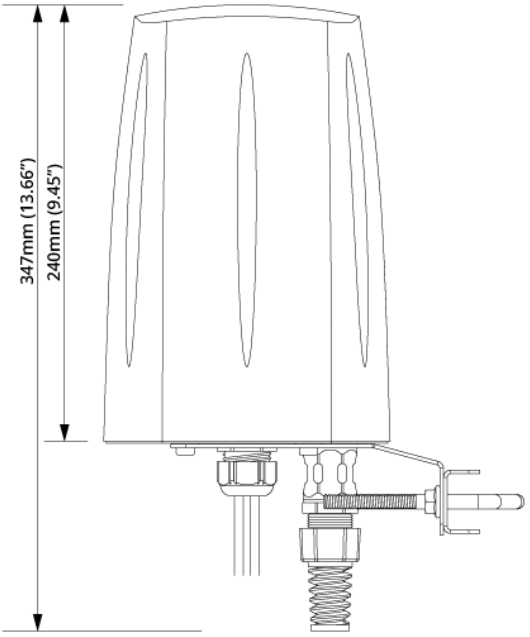
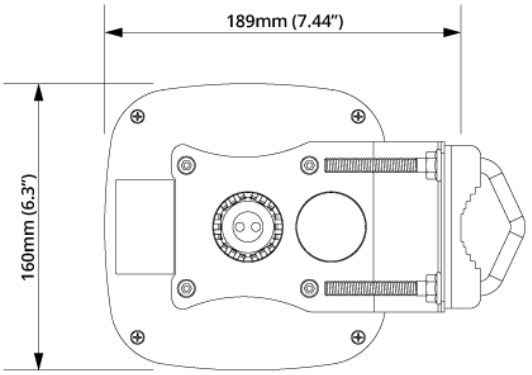
DIMENSIONS





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