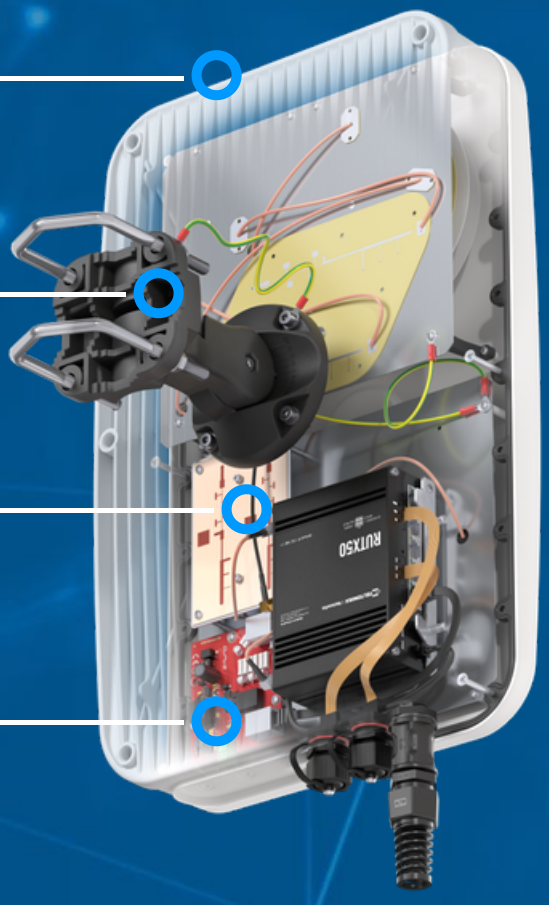
QuPanel 14 HV 5G/LTE directional MIMO 4x4

Compatible with: Teltonika RUTX50

QuPanel 14 HV 5G/LTE directional MIMO 4x4 high gain 5G/LTE outdoor antenna, designed to work with Teltonika RUTX50 router. It supports wide frequency range, from 700MHz to 4200MHz, including bands n77, n78, B28 or B43. Comes with an universal pole/wall mount. High quality injection moulded enclosure with IP67 rating makes it perfect for all outdoor installations and the embedded accessories allow a direct access to LAN port and two SIM card slots. Thanks to integrated PoE splitter, it is possible to power it with 802.3af PoE injector.

5G | 700-4200MHz | 4x4 MIMO | DIRECTIONAL | GPS | IP 67 | -40° TO +80°

- OUTDOOR ANTENNA WORKS IN **ANY WEATHER CONDITIONS**, IP67
- WALL OR MAST MOUNTING SYSTEM WITH **TWO PLANES, 60 DEGREES REGULATION**
- ALL ANTENNAS AND ROUTER **INTEGRATED IN ONE ENCLOSURE**
- **802.3AF POE** SUPPORT
- MADE IN **EUROPE**



5G/LTE ANTENNA SPECIFICATION

FREQUENCY	700 – 805 MHz 2450 – 2700 MHz 3300 – 4200 MHz
GAIN	700 – 805 MHz : ≥ 2dBi, peak 2.8dBi 2450 – 2700 MHz : ≥ 2dBi, peak 7dBi 3300 – 3600 MHz : ≥ 8dBi, peak 16dBi 3600 – 3800 MHz : ≥ 14dBi, peak 17dBi 3800 – 4200 MHz : ≥13dBi, peak 17dBi
SUPPORTED LTE BANDS	B7, B13, B14, B17, B22, B28, B29, B38, B41, B42, B43, B44, B48, B49, B52, B53, B67, B69, B103
SUPPORTED 5G BANDS	n7, n13, n14, n28, n29, n38, n41, n48, n53, n67, n77, n78, n83, n90
VSWR	< 2.00
POLARIZATION	Horizontal & Vertical
IMPEDANCE	50 Ω

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GPS ANTENNA SPECIFICATION

FREQUENCY	1.56 – 1.61 GHz
VSWR	< 2
GAIN	3 dBi
GAIN 3V	28 dBi
DC POWER INPUT	2.5 V ~ 6.5 V
POWER CONSUMPTION	2.5-6.5mA
IMPEDANCE	50 Ω
POLARIZATION	RHCP (right hand circularly polarized)

MECHANICAL SPECIFICATION

MATERIALS	ASA, aluminum, PTFE, Fiberglass
INGRESS PROTECTION	IP67
CONNECTORS	1x RJ45 outdoor socket 2x SIM outdoor slot
POWER	PoE: 802.3af
DIMENSIONS	486.0 x 292.2 x 105.6 mm 19.13 x 11.50 x 4.16 inch
WEIGHT (ANTENNA + MOUNTING + ROUTER + ACCESSORIES)	3.957 ± 0.2 kg 8.723 ± 0.44 lbs
OPERATING TEMPERATURE	From -40°C to 70°C From -40°F to 167°F

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FANS	None
WARRANTY	36 months
IN THE SET:	1x QuPanel Antenna 1x WiMount 2x M8 U-Bolt 4x M8 nut 4x M6 pad 4x M6x18 screw 1x grounding cable 6x M4x40 screw 1x QuPoE AF-12V-FP - 802.3af Splitter 1x QuRJ45 2x QuSIM

MOUNTING KIT

DIMENSIONS	9.9 x 10.5 x 14.8 cm 3.9 x 4.13 x 5.83 inch
REGULATION RANGE	+/- 30°
MAST DIAMETER RANGE	25 - 66mm 0.98-2.60 inch
MATERIAL	Polyamide with fiberglass + galvanized steel U-Bolts
MOUNTING PLACE	Wall or mast
WEIGHT	0,645 kg 1.42 lbs

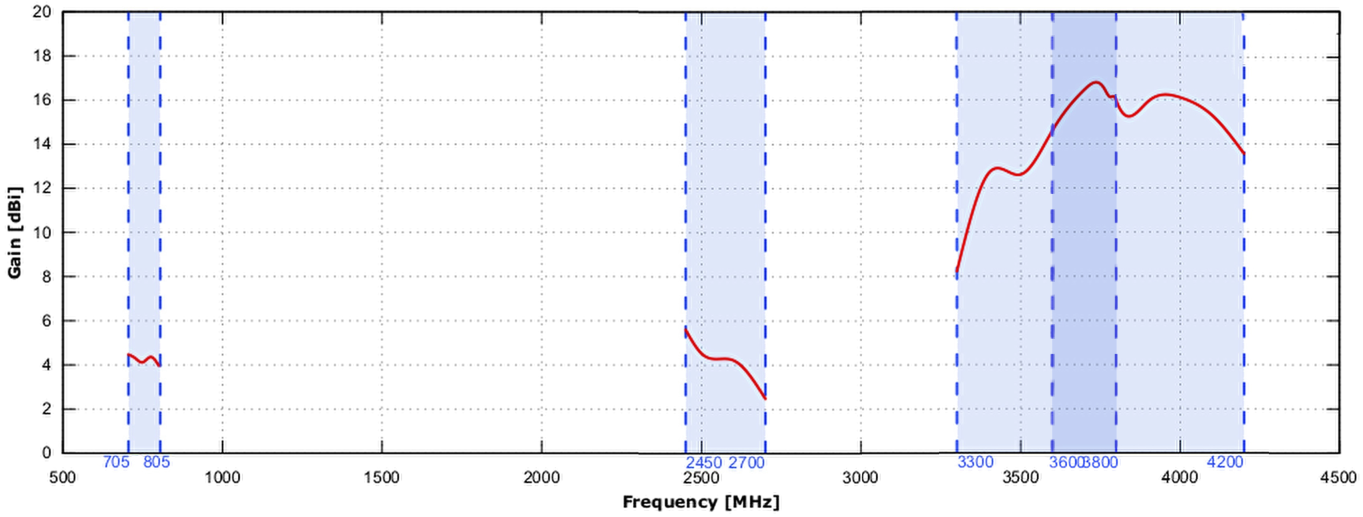
COMPATIBLE ROUTERS

VARIANT: A16X50PRM

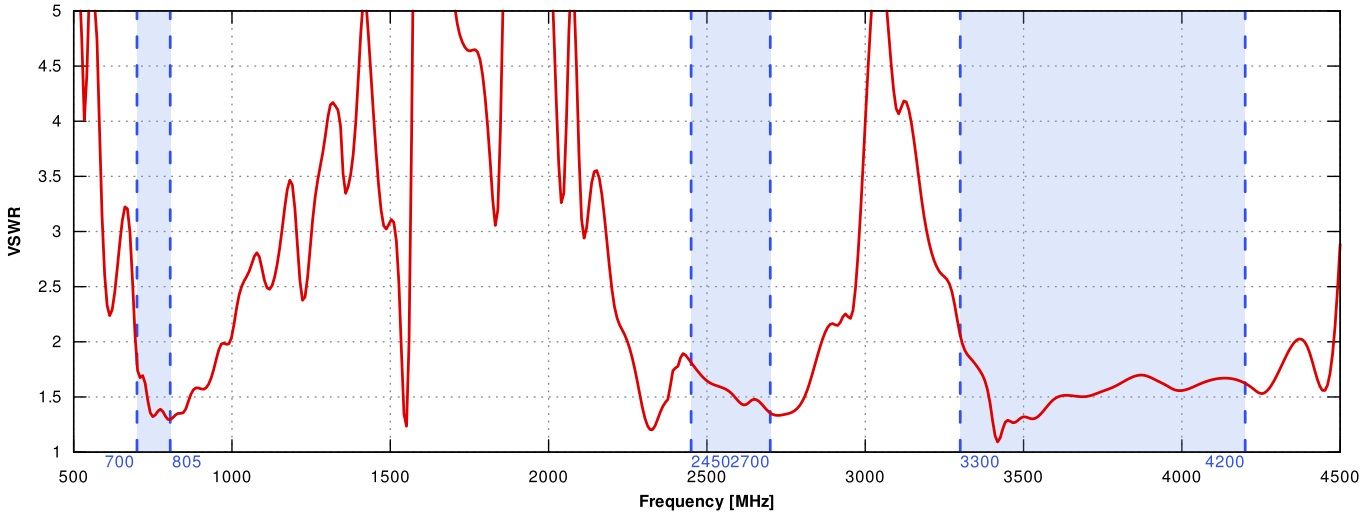
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PLOTS

5G/LTE Gain



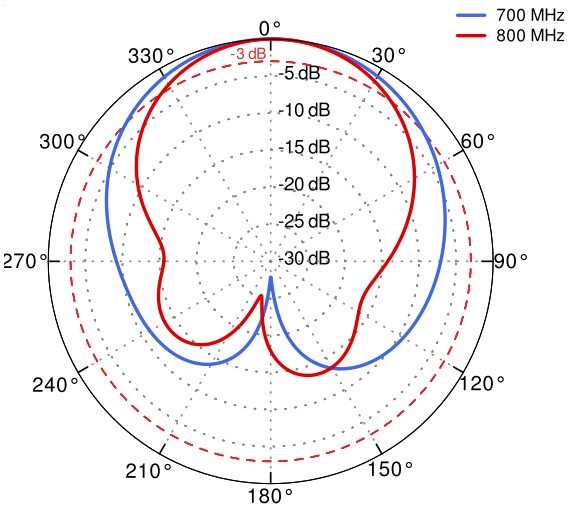
5G/LTE VSWR



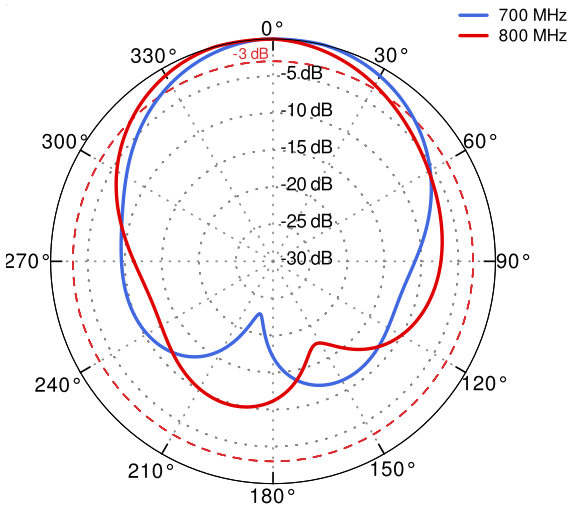
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PORT 1 - 5G/LTE from 700MHz to 800MHz

ELEVATION

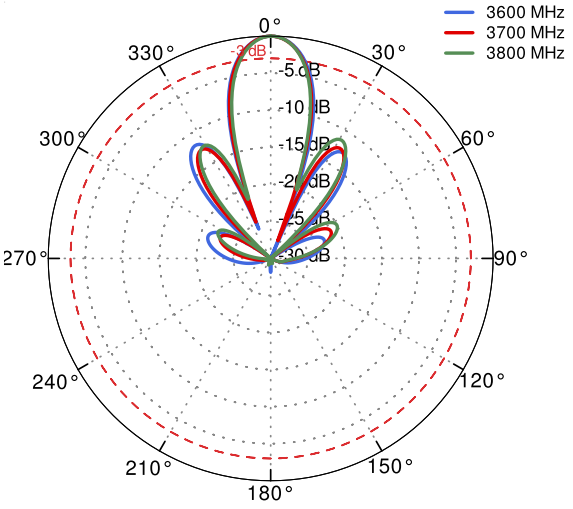


AZIMUTH

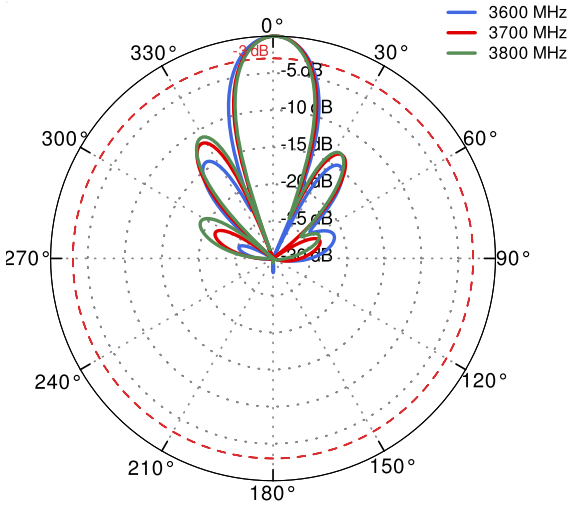


PORT 1 - 5G/LTE from 3600MHz to 3800MHz

ELEVATION



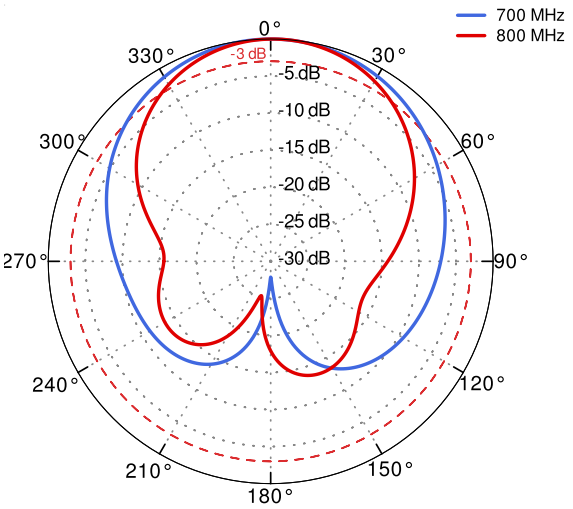
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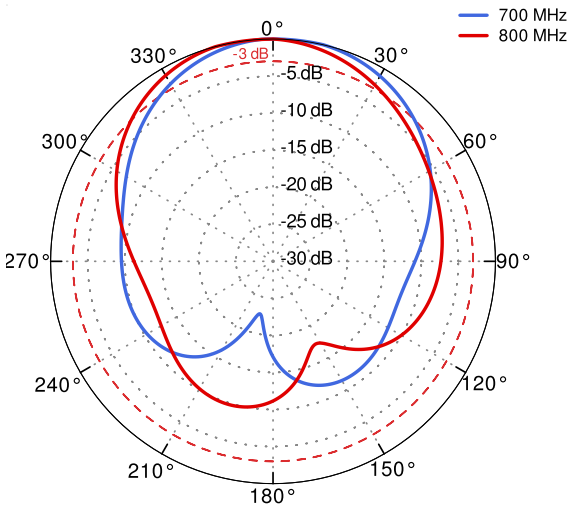
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PORT 2 - 5G/LTE from 700MHz to 800MHz

ELEVATION

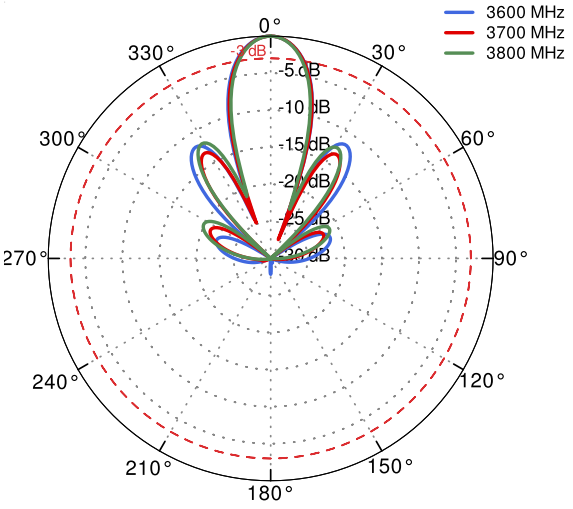


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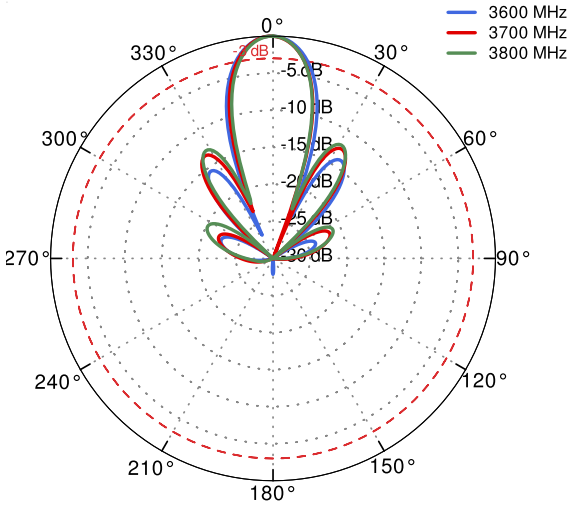


PORT 2 - 5G/LTE from 3600MHz to 3800MHz

ELEVATION

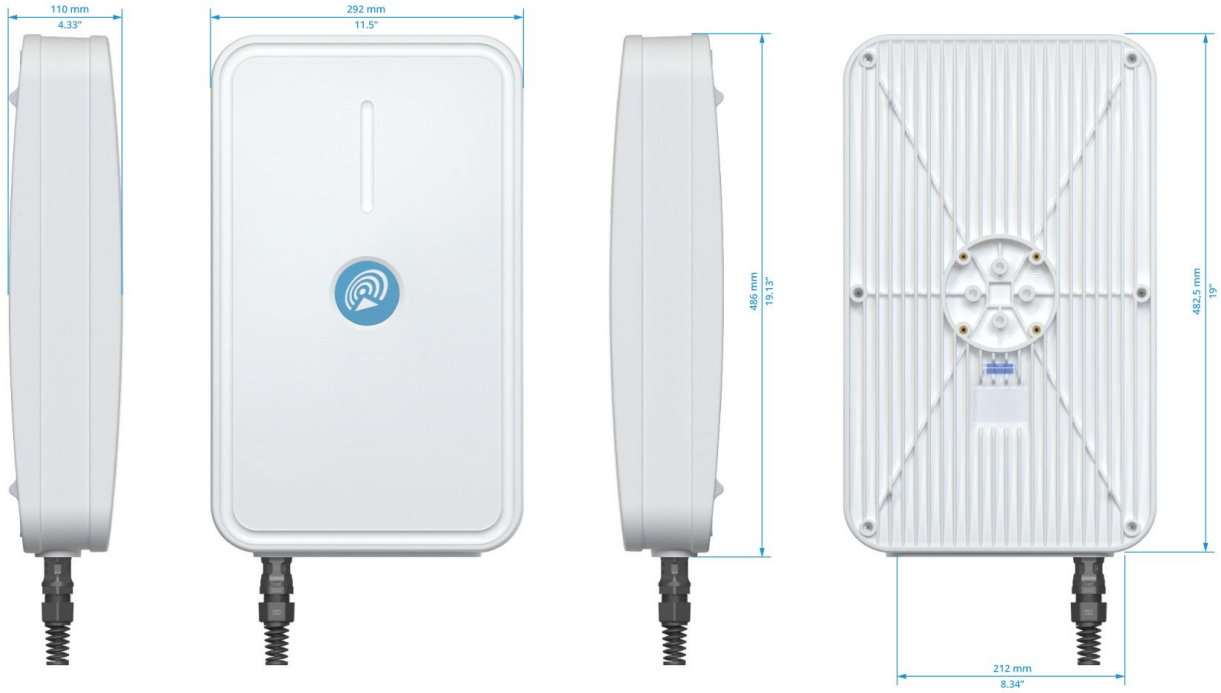


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DIMENSIONS



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