QuWireless

DATASHEET / -
VERSION / 2.60

QuOmni Antenna 5G + Wi-Fi + GPS

INTEGRATED MULTI-BAND 5G OMNI ANTENNA + WIFI OMNI ANTENNA + GPS ANTENNA (ALL-IN-ONE)

QuOmni all-in-one antenna is a perfect outdoor device for mobile and fixed installations like industrial, public, CCTV, hotspots, yachts, boats, campers, RV etc. Built for demanding conditions. It has embedded omni 5G, Wi-Fi and GPS antenna.
Designed to meet the needs of RUTM52
(not an actual photo)

5G | Wi Fi DUALBAND 2.4GHz 5GHz | GPS | 617-6000MHz | 6 dBi | OMNI DIRECTIONAL | IP 67 | -40° TO +80°



5G/LTE SPECIFICATION

FREQUENCY	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.7 GHz 5.2 - 6.0 GHz
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
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
VSWR	<1.80, max <2.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

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WI-FI SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5.0 - 7.2 GHz
GAIN	2.4 - 2.5 GHz: 6dBi 5 GHz: 7.5dBi 7 GHz: 7.5dBi
VSWR	< 1.50, max < 2.00
BEAMWIDTH	360°/25° +/- 5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

MECHANICAL SPECIFICATION

MATERIAL	ASA, aluminum, PTFE, Fiberglass
INGRESS PROTECTION	IP67
DIMENSIONS	29.2 x 48.6 x 10.6 cm 11.5 x 19.13 x 4.17 inch
WEIGHT	1.8 kg 3.97 lbs
OPERATING TEMPERATURE	From -40°C to 75°C From -40°F to 167°F

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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
WEIGHT	0.87kg
MOUNTING PLACE	Wall or mast

COMPATIBLE ROUTERS

VARIANT: -

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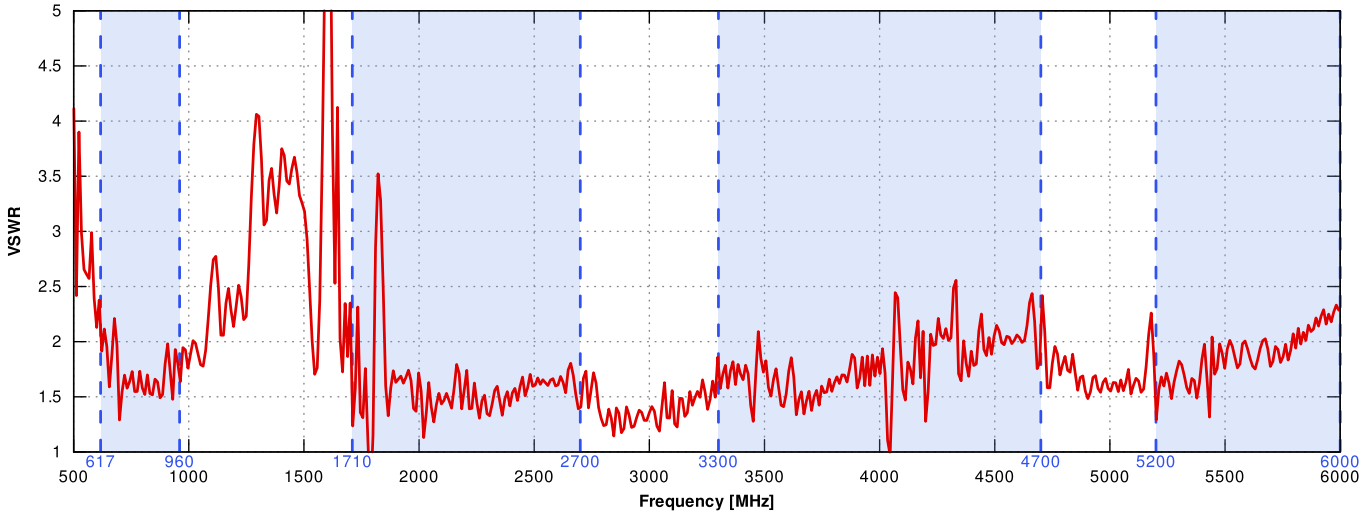
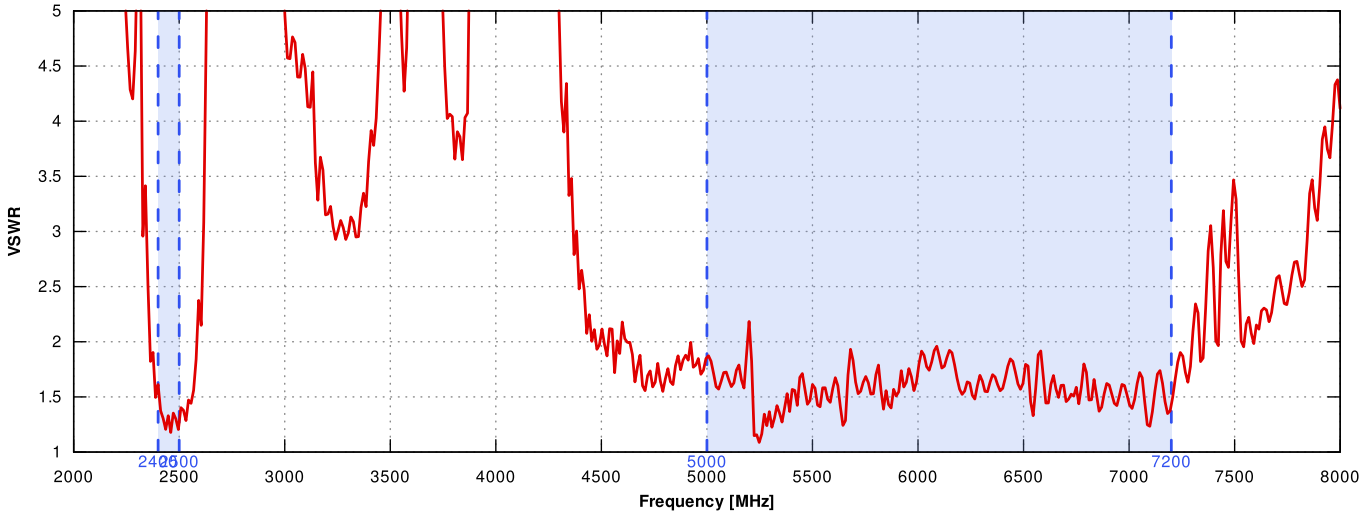
PLOTS

VSWR for 5G/LTE antenna



VSWR for Wi-Fi antenna



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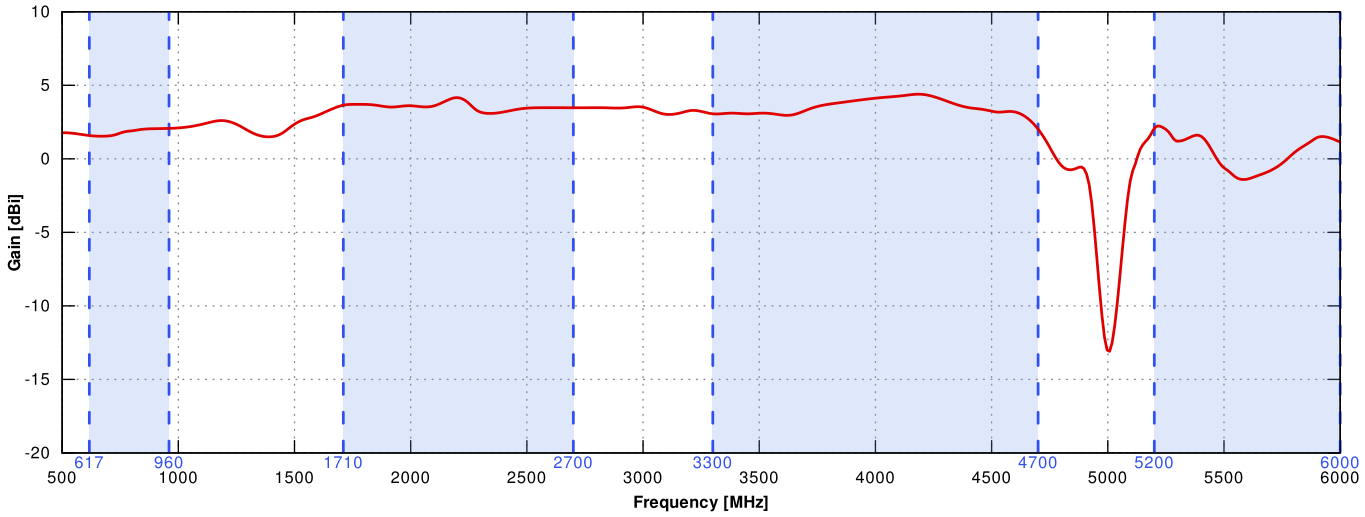
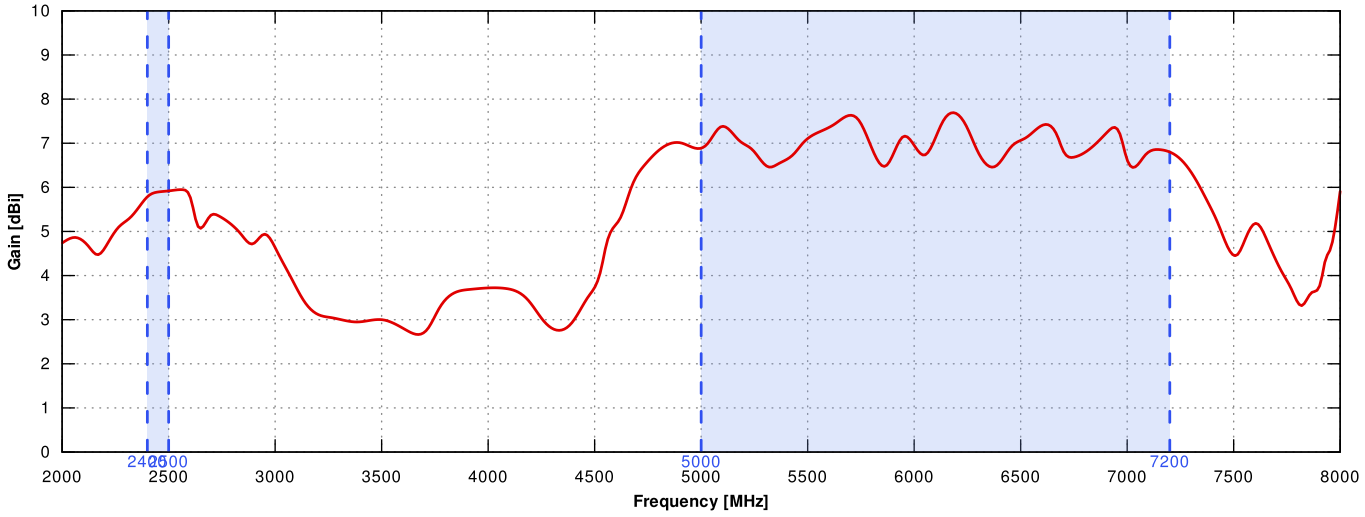
Gain for 5G/LTE antenna



Gain for Wi-Fi antenna



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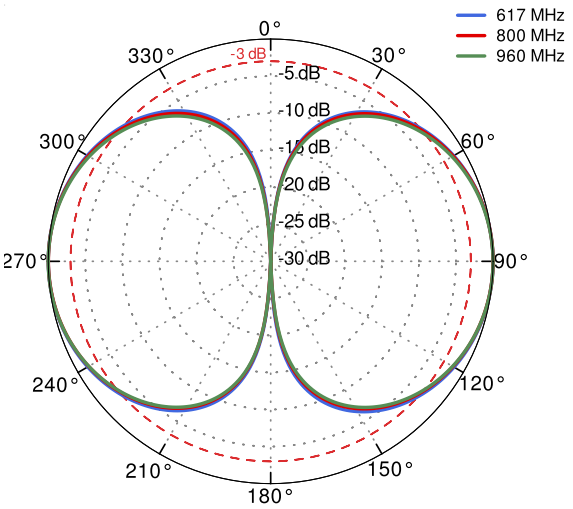
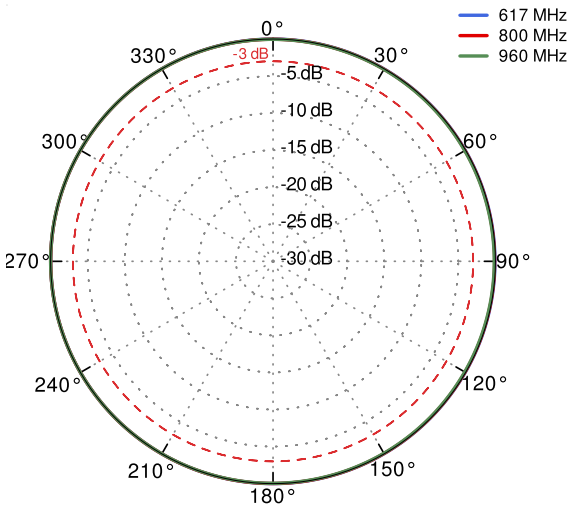
5G/LTE from 617MHz to 960MHz

ELEVATION

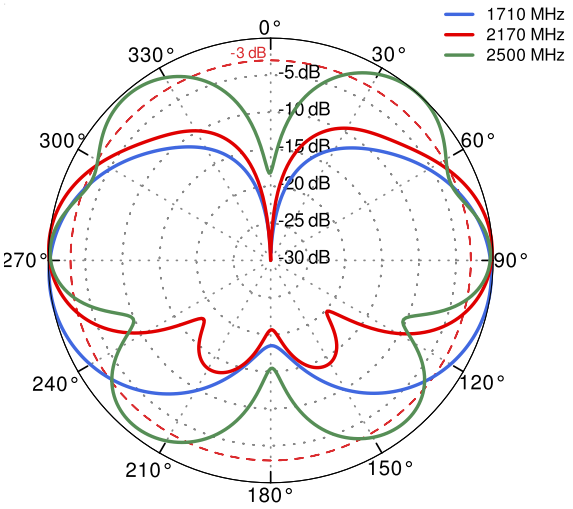


AZIMUTH



5G/LTE from 1.71GHz to 2.5GHz

ELEVATION



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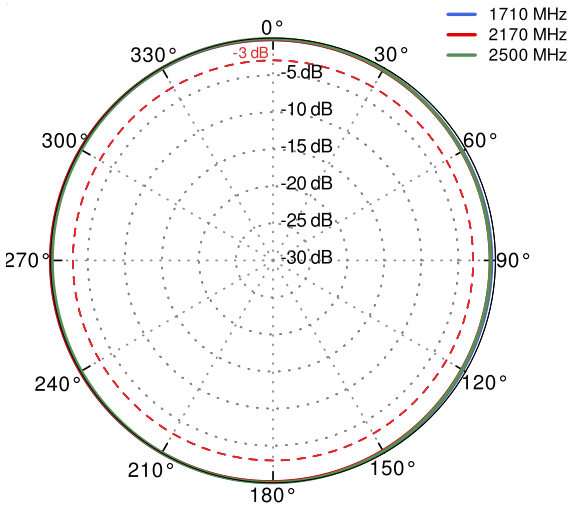

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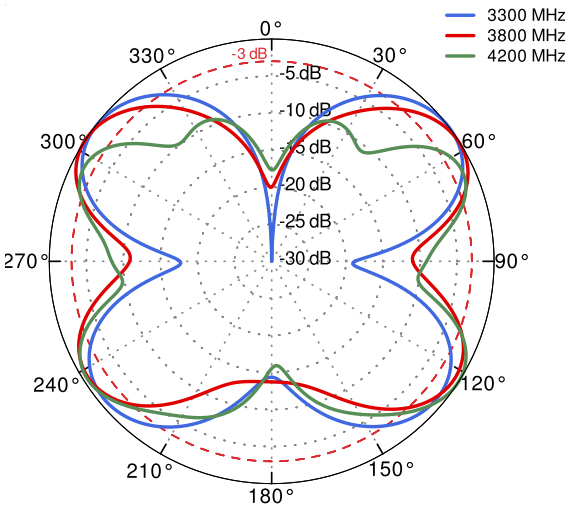
5G/LTE from 3.3GHz to 4.2GHz

ELEVATION



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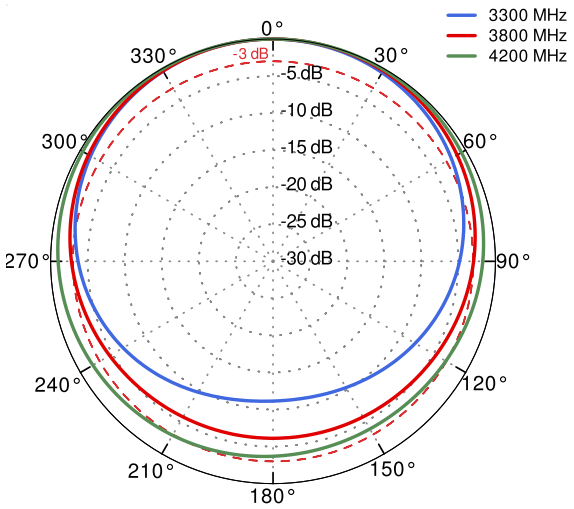
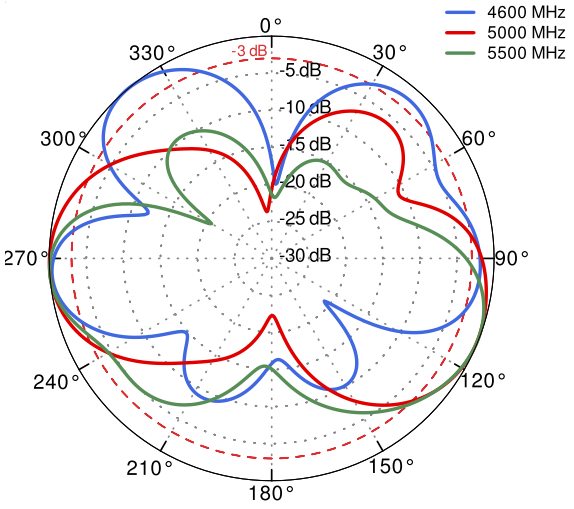


5G/LTE from 4.6 GHz to 5.5 GHz

ELEVATION



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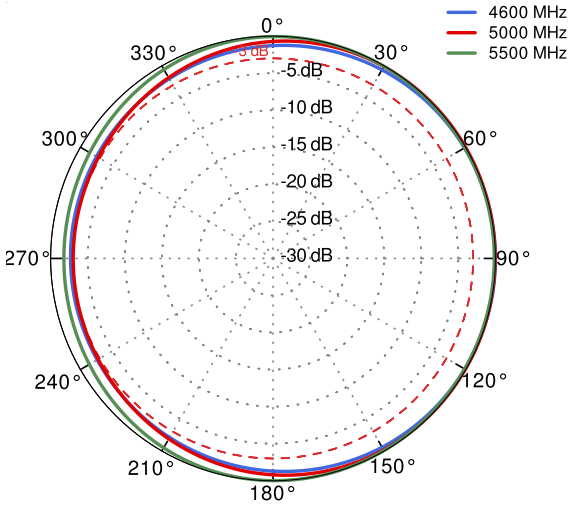

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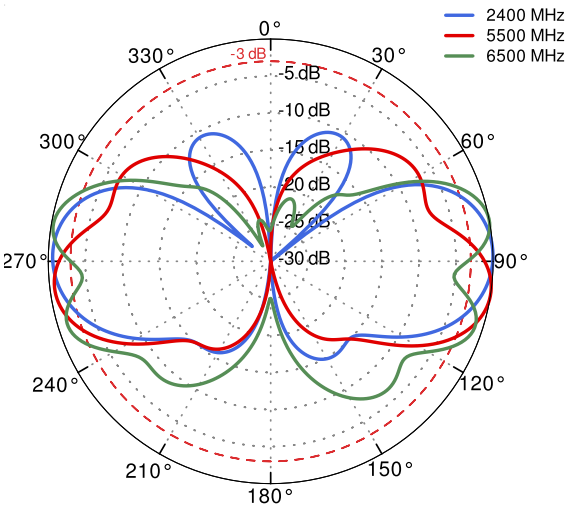
Wi-Fi From 2.4 GHz to 6.5 GHz

ELEVATION



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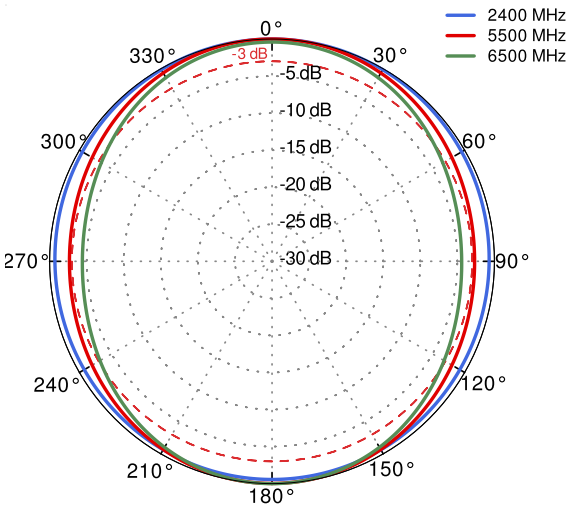
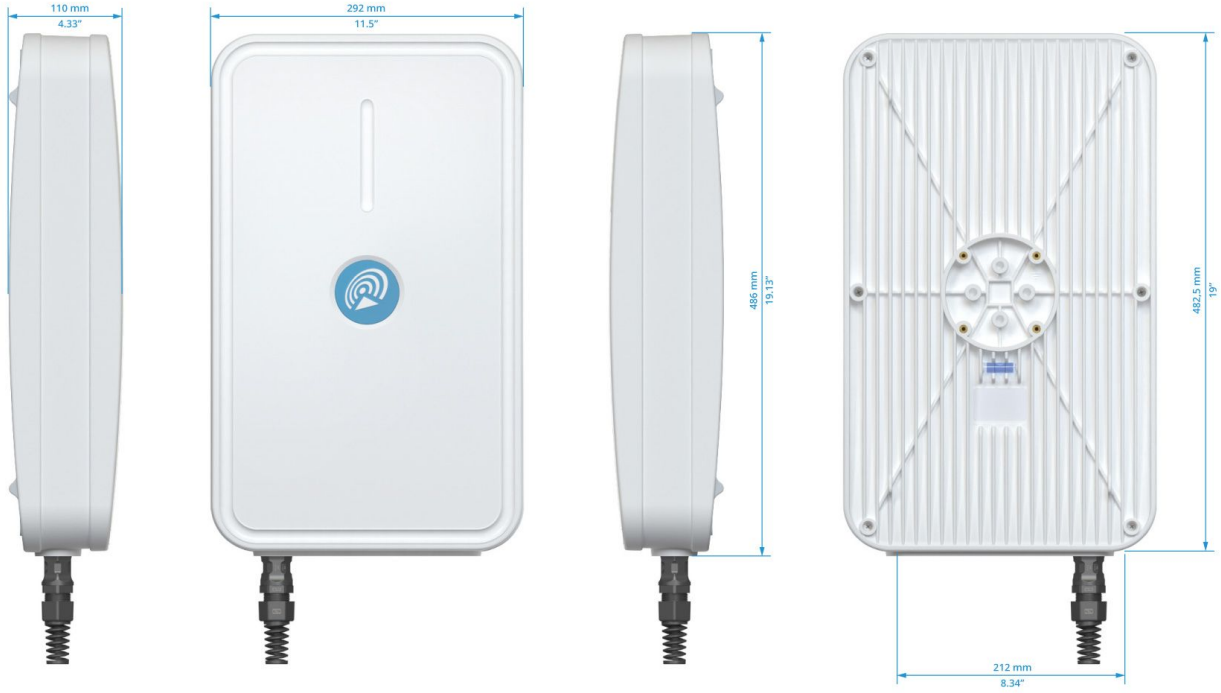


DIMENSIONS



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