

QuMax Omni for Peplink MAX BR1 Mini Core (HW3)

INTEGRATED MULTI-BAND 5G OMNI ANTENNA + PASSIVE POE SPLITTER + PLACE TO INSTALL PEPLINK MAX BR1 MINI CORE (HW3) (ALL-IN-ONE)

QuMax Omni all-in-one antenna for Peplink MAX BR1 Mini Core (HW3) router is a perfect outdoor device for mobile and fixed installations like industrial, public, CCTV, hotspots, yachts, boats, campers, RV etc. It has embedded omni 5G antenna. If you use MAX BR1 Mini Core (HW3) with QuMax Omni antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.

The set contains a [Passive PoE splitter](#), allowing you to split data and power from a single Ethernet cable and maintain gigabit transfer speeds while protecting the LAN port from damage caused by overvoltage, short circuit or improper connection.



OUTDOOR ANTENNA WORKS IN ANY WEATHER CONDITIONS, IP67



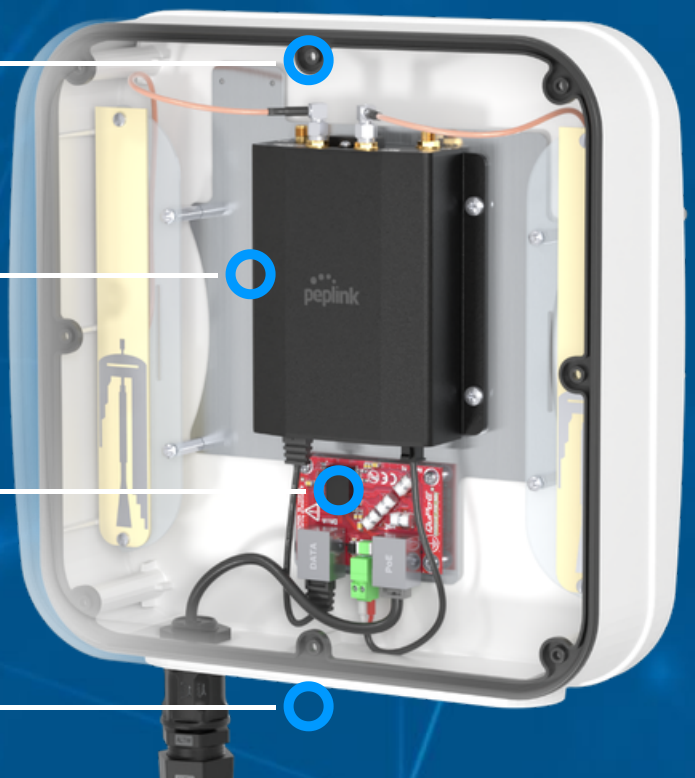
ANTENNA PERFECTLY MATCHED WITH THE ROBUSTEL EG5120



ALL ANTENNAS AND ROBUSTEL ROUTER INTEGRATED IN ONE ENCLOSURE



MADE IN EUROPE



5G / LTE 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 - 2.7 GHz : 4 dBi 3.3 - 4.7 GHz : 4.5 dBi 5.2 - 6.0 : 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 Ω

WI-FI SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5.0 - 6.0 GHz
GAIN	2.4 - 2.5 GHz: 6 dBi 4.7 - 6 GHz : 7 dBi
VSWR	<1.70, max <2.00
BEAMWIDTH	360°/25° +/- 5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

MECHANICAL SPECIFICATION

MATERIAL	BS, aluminum, PTFE, Fiberglass
INGRESS PROTECTION	IP67
CONNECTOR TYPE	RJ45
DIMENSIONS	272 x 276 x 96 mm 10.71 x 10.87 x 3.78 inch
WEIGHT	1.8 kg 3.97 lbs
OPERATING TEMPERATURE	From -40°C to 75°C From -40°F to 167°F
ENCLOSURE RECOMMENDED TIGHTENING TORQUE	0.6 - 0.8 Nm

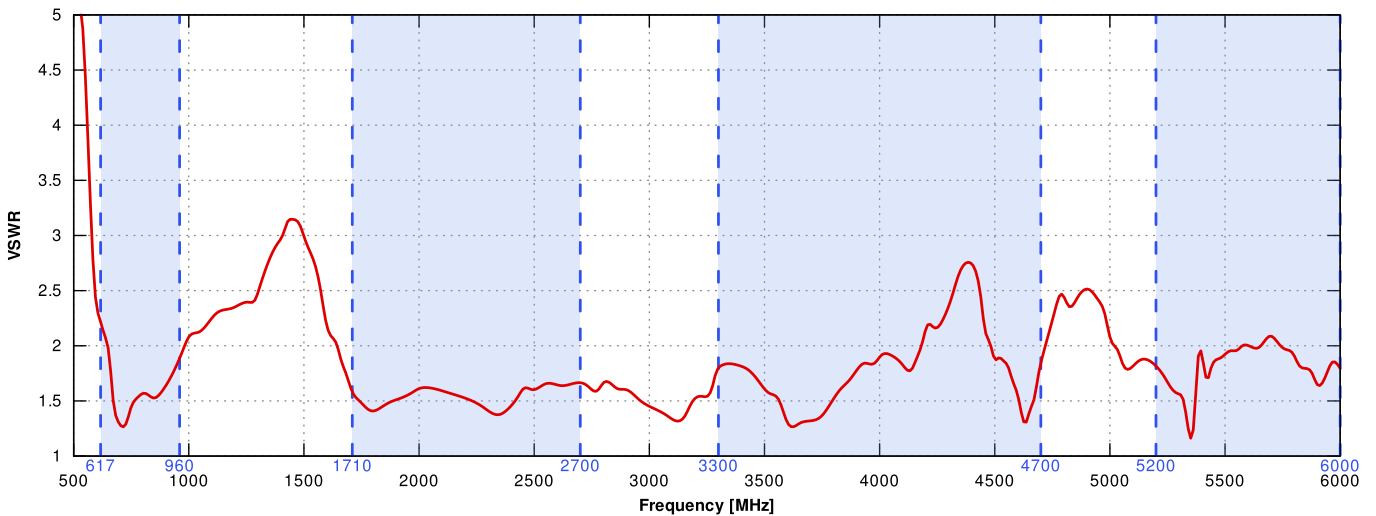
MOUNTING KIT

DIMENSIONS
REGULATION RANGE
MAST DIAMETER RANGE
MATERIAL
WEIGHT
MOUNTING PLACE

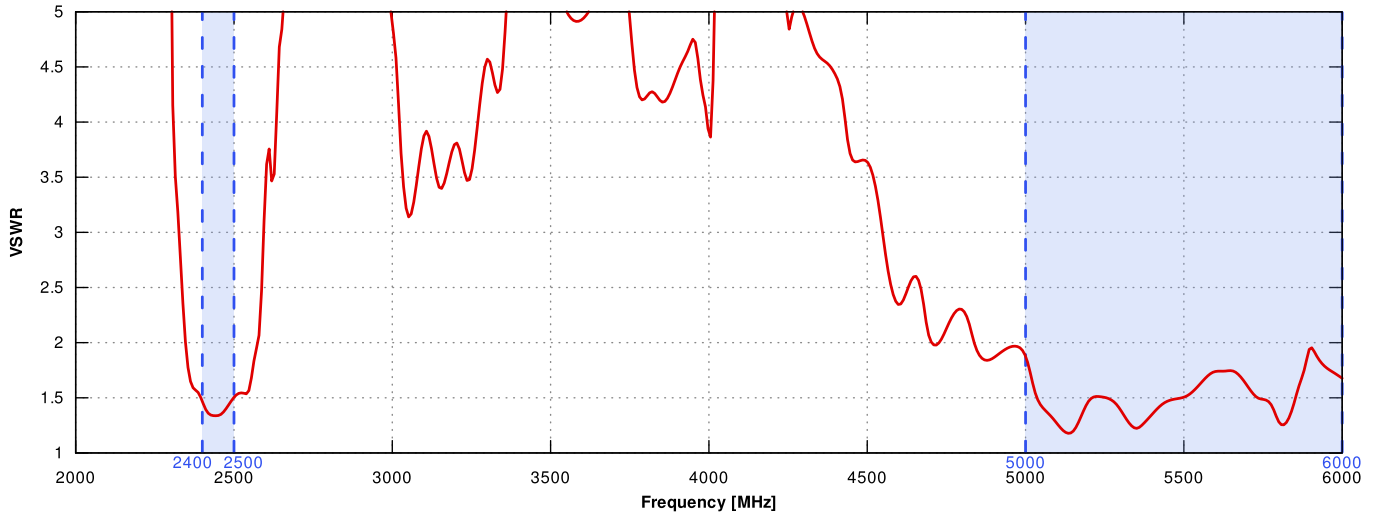
9.9 x 10.5 x 14.8 cm 3.9 x 4.13 x 5.83 inch
+/- 30°
25 - 66mm 0.98-2.60 inch
Polyamide with fiberglass + galvanized steel U-Bolts
0.87kg
Wall or mast or ceiling

PLOTS

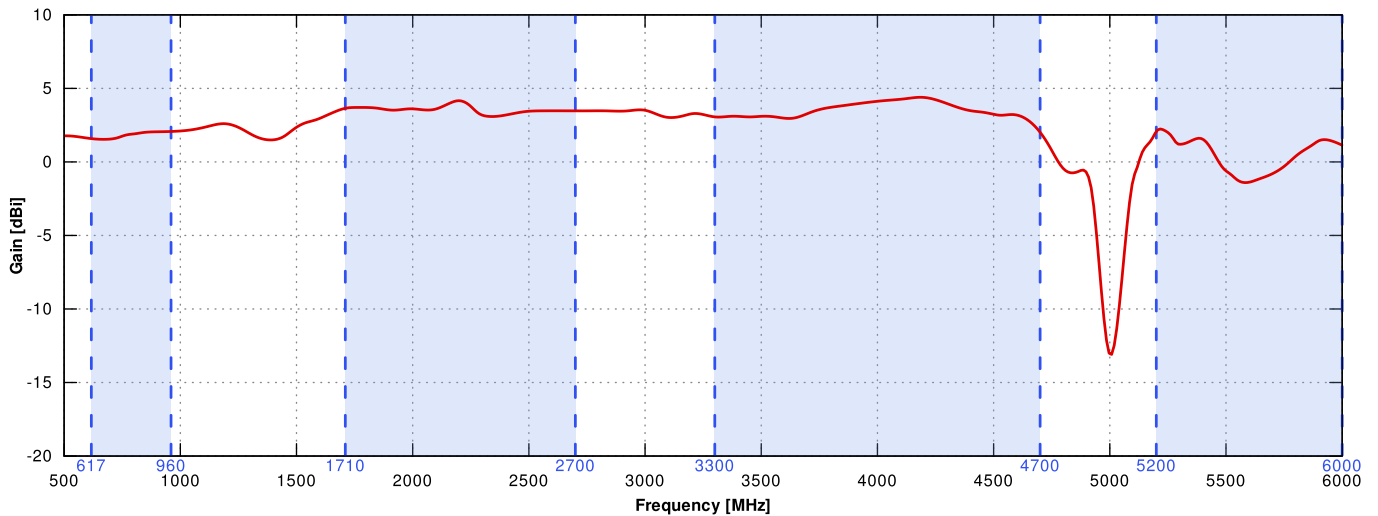
5G/LTE VSWR



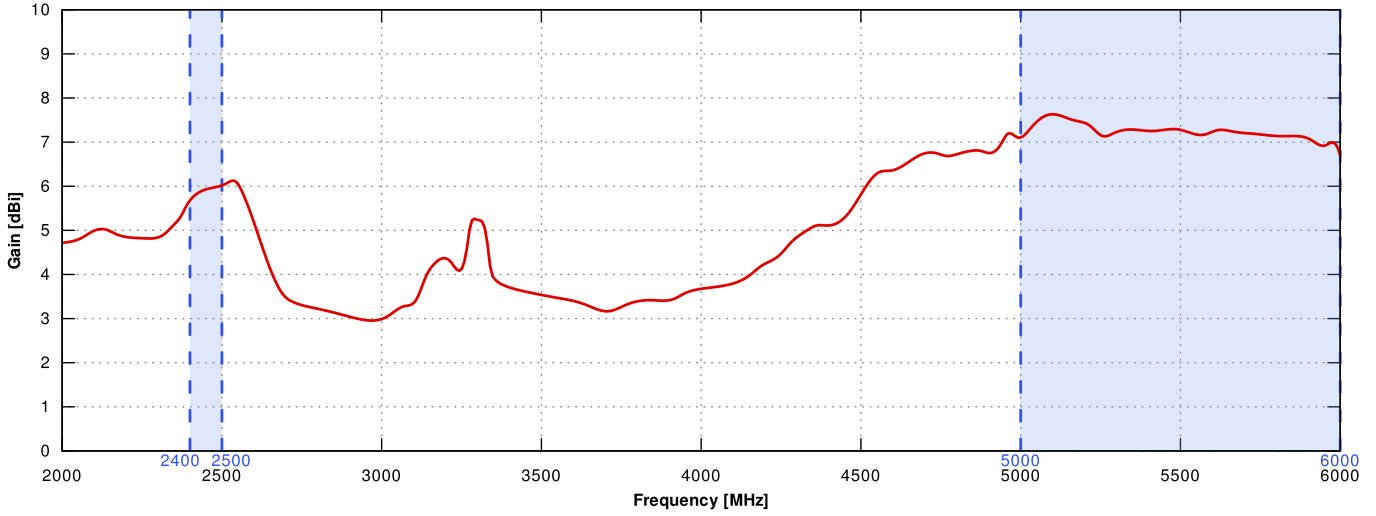
WI-FI VSWR



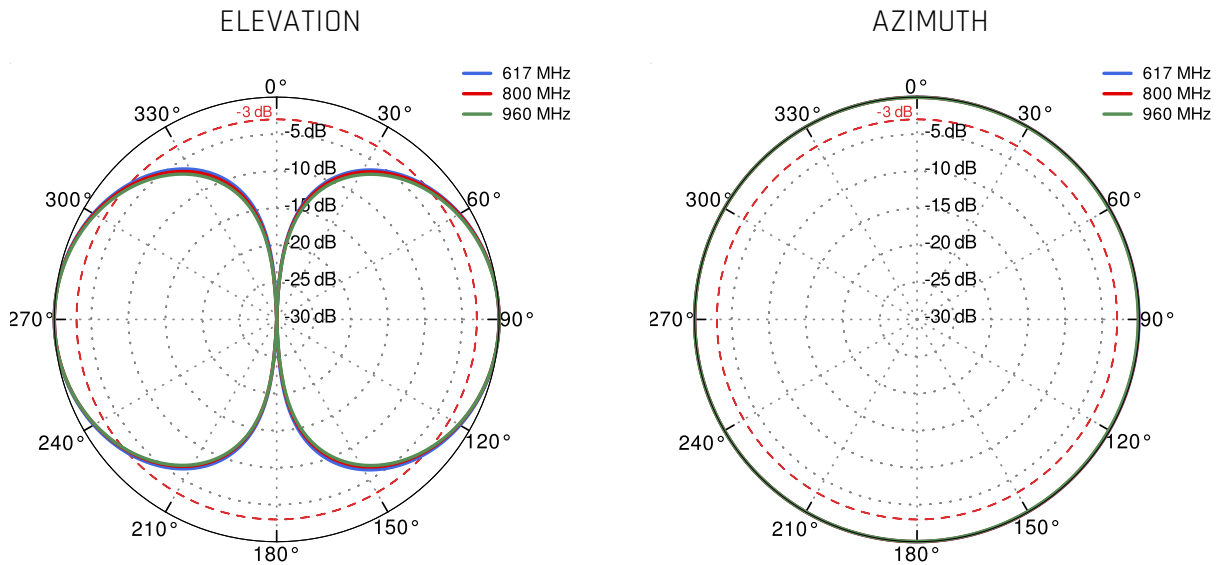
5G/LTE Gain

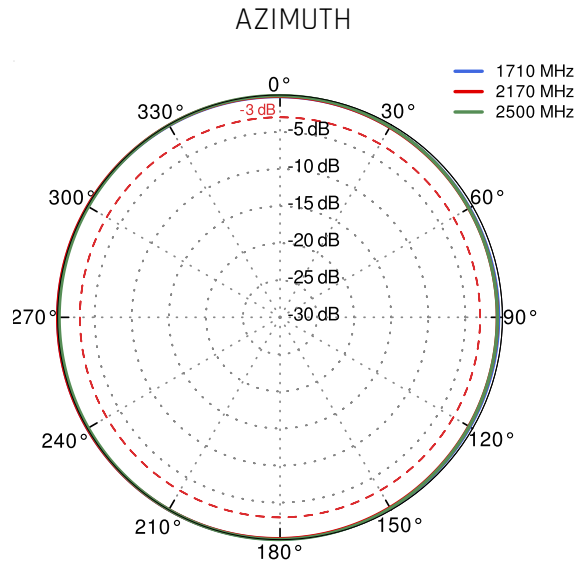
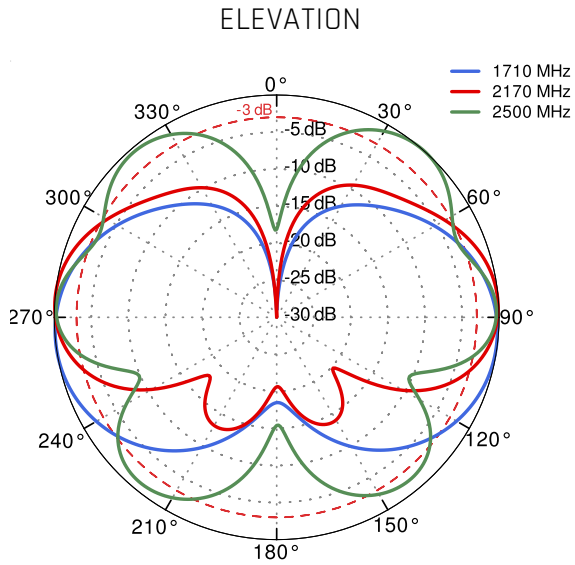
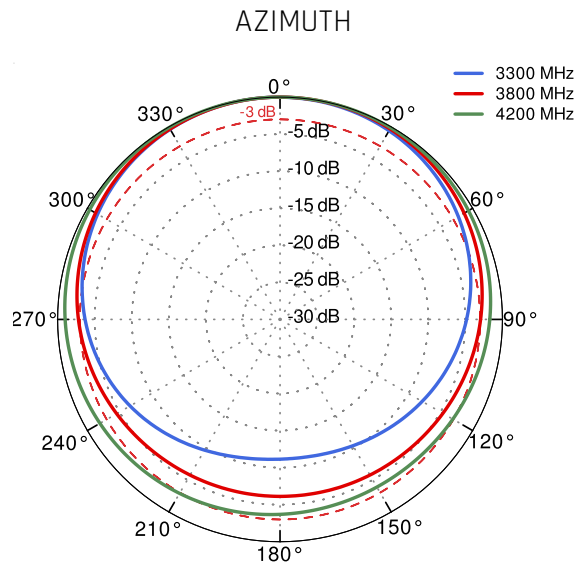
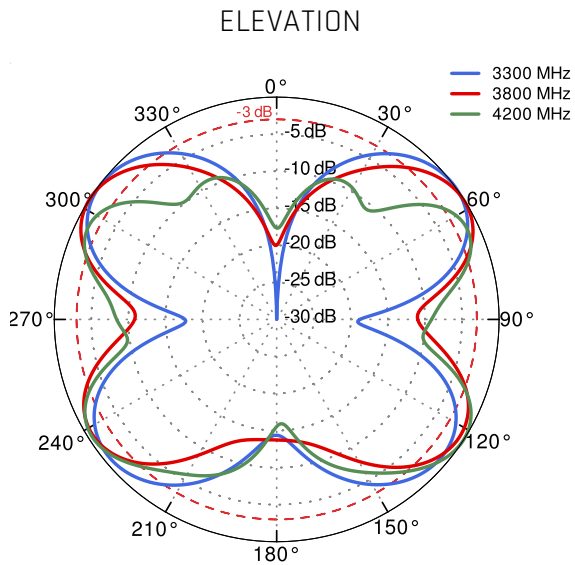


Wi-Fi Gain

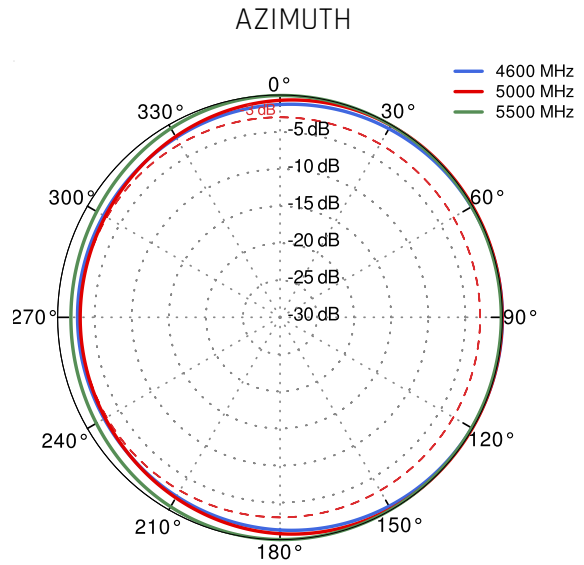
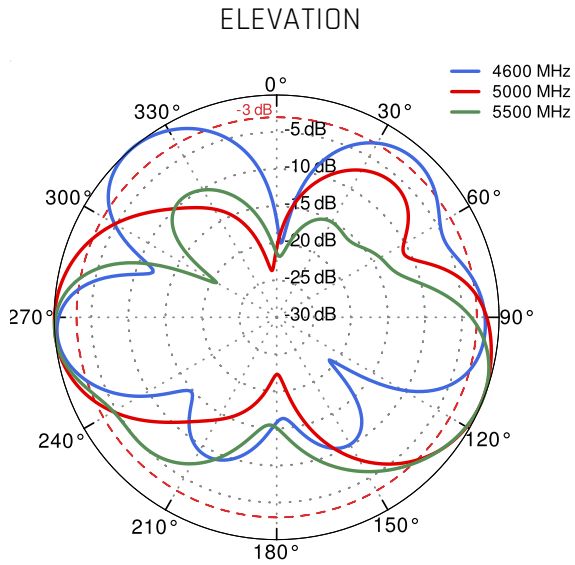


5G/LTE from 617MHz to 950MHz

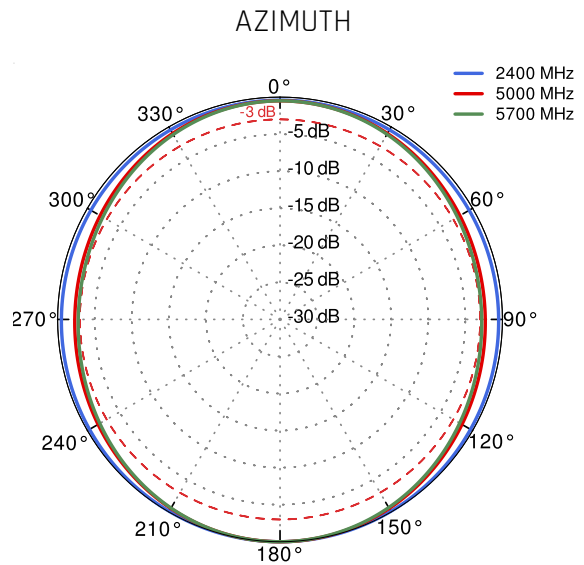
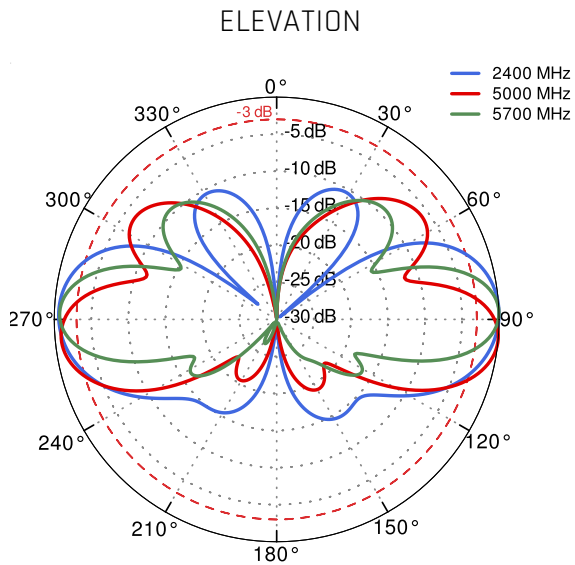


5G/LTE from 1.71GHz to 2.5GHz

5G/LTE from 3.3GHz to 4.2GHz


5G/LTE from 4.6GHz to 5.5GHz



Wi-Fi 2.4GHz and 5GHz and 6GHz



DIMENSIONS

