

QuMax Omni for Peplink MAX BR1 Pro

5G & CAT-20

INTEGRATED MULTI-BAND 5G OMNI ANTENNA + WIFI OMNI ANTENNA + GPS ANTENNA + PASSIVE POE SPLITTER + PLACE TO INSTALL PEPLINK MAX BR1 PRO 5G & CAT-20 (ALL-IN-ONE)

QuMax Omni all-in-one antenna for Peplink MAX BR1 Pro 5G & CAT-20 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, Wi-Fi and GPS antenna. If you use MAX BR1 Pro 5G or CAT-20 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.

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

OUTDOOR ANTENNA WORKS IN ANY
WEATHER CONDITIONS, IP67



ANTENNA PERFECTLY MATCHED WITH
THE PEPLINK MAX BR1 PRO 5G &
CAT-20



ALL ANTENNAS AND PEPLINK 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
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

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	BS, aluminum, PTFE, Fiberglass
INGRESS PROTECTION	IP67
CONNECTOR TYPE	RJ45
DIMENSIONS	27.2 x 27.6 x 9.6 cm 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

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

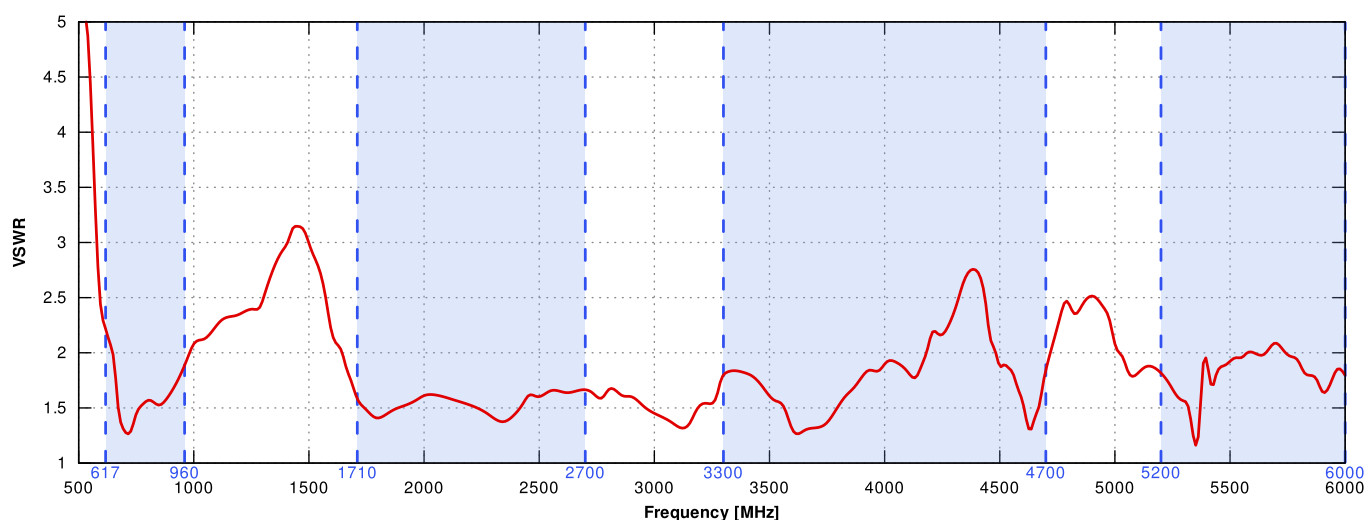
0.87kg

MOUNTING PLACE

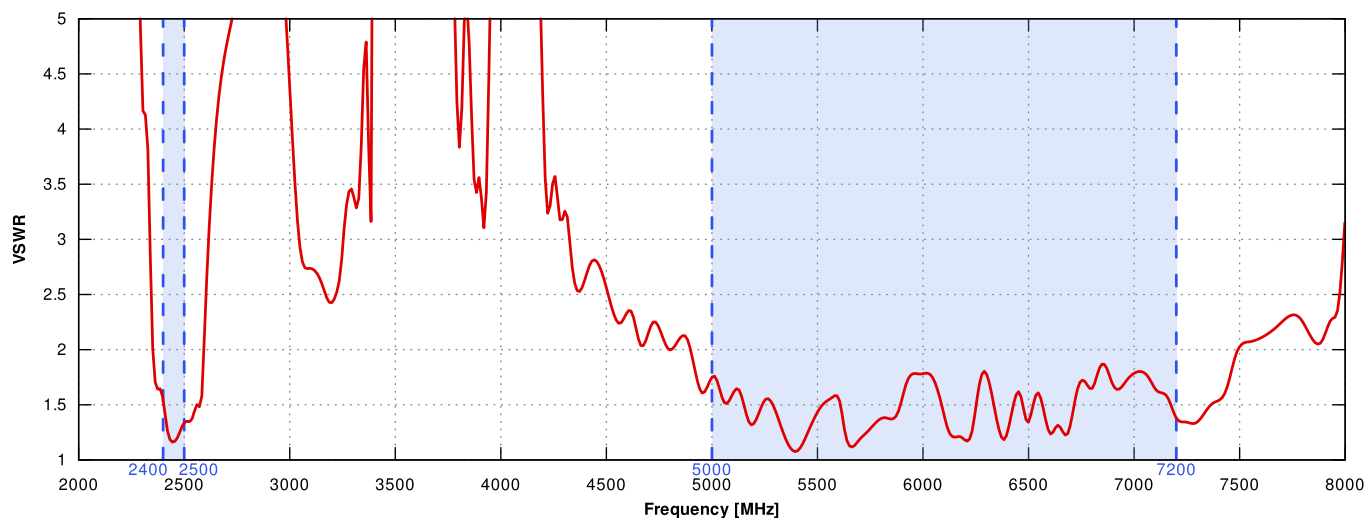
Wall or mast or ceiling

PLOTS

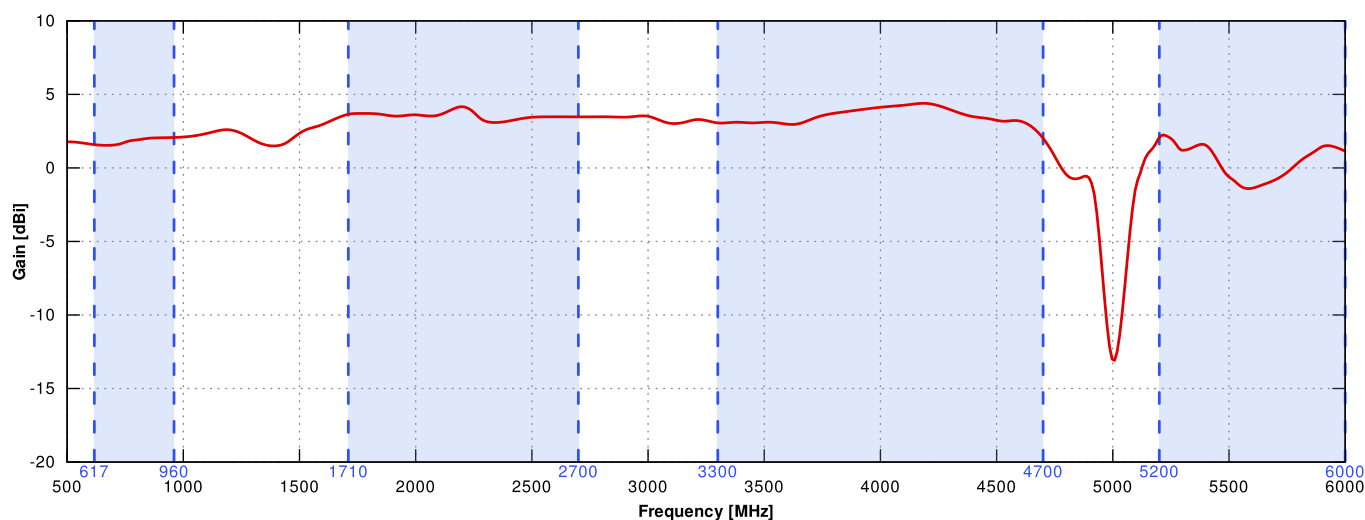
VSWR for 5G/LTE antenna



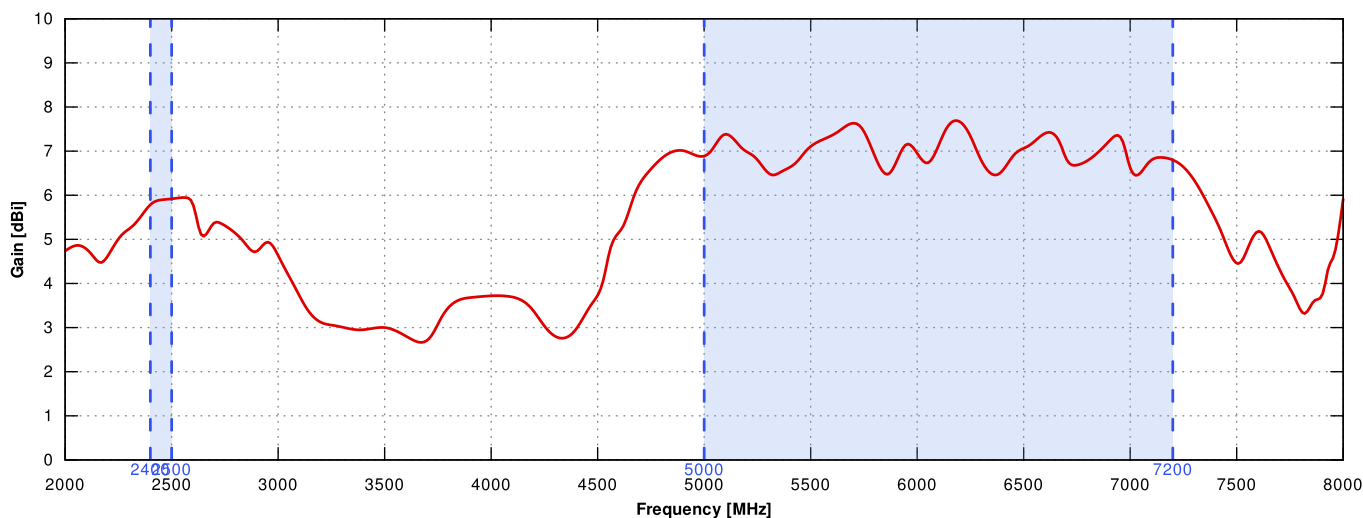
VSWR for Wi-Fi antenna



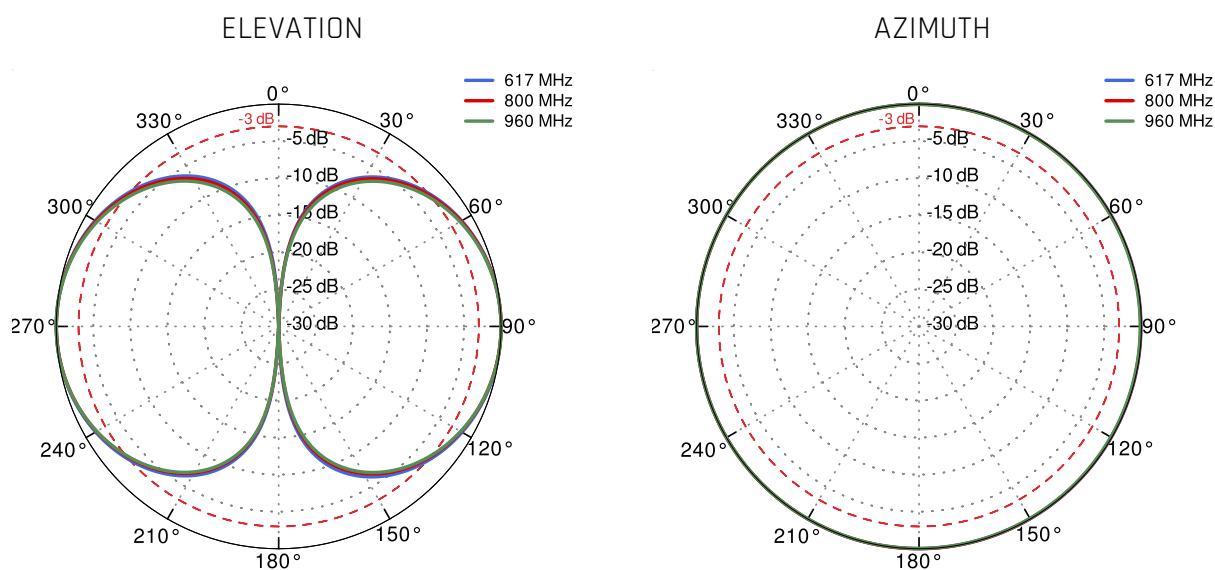
Gain for 5G/LTE antenna



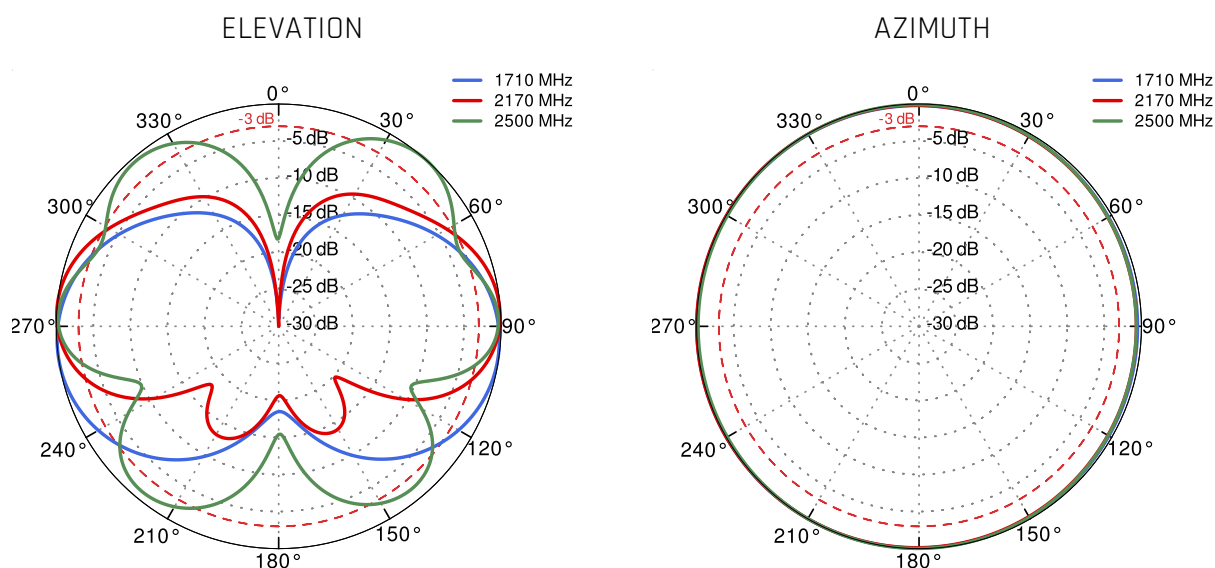
Gain for Wi-Fi antenna



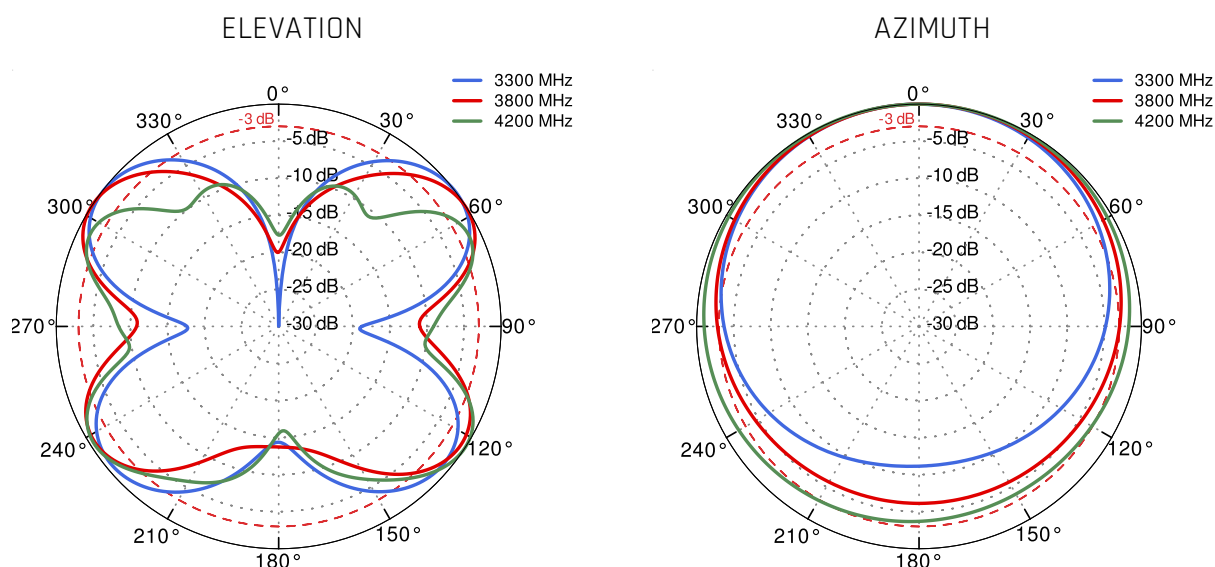
5G/LTE from 617MHz to 960MHz



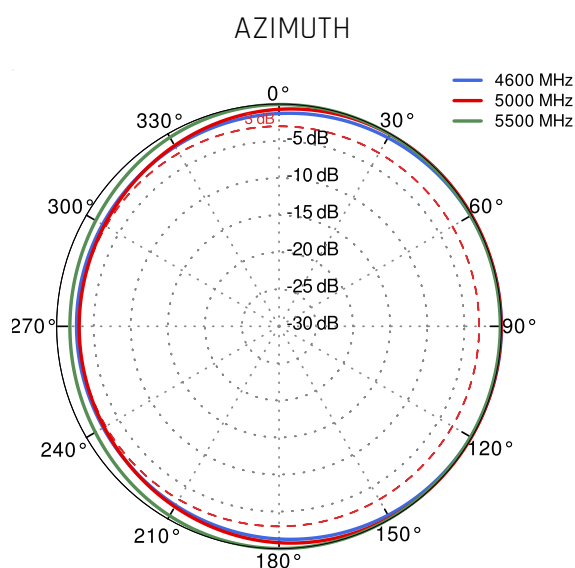
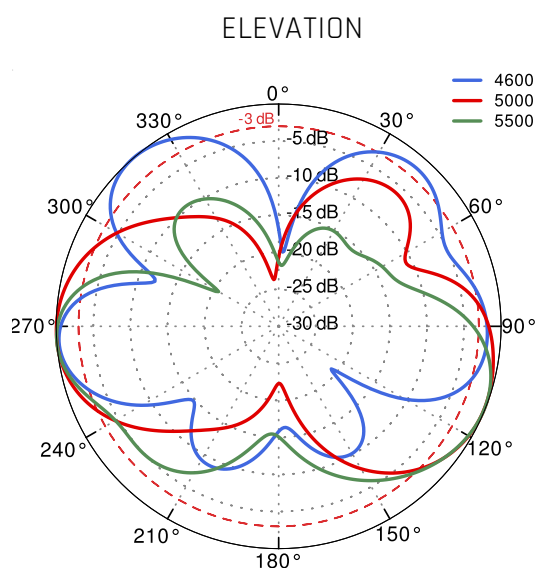
5G/LTE from 1.71GHz to 2.5GHz



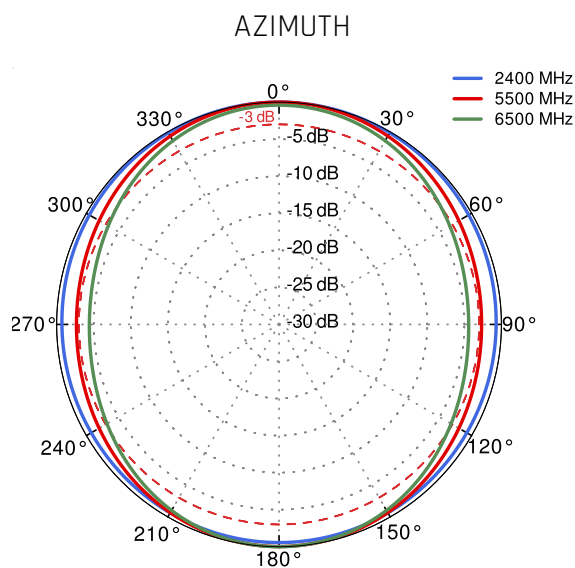
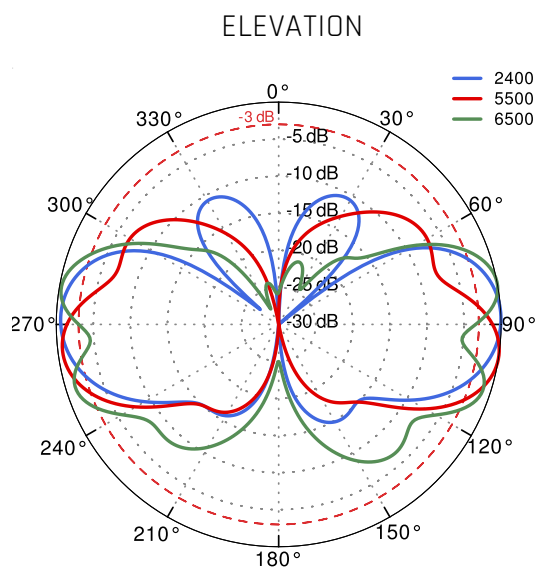
5G/LTE from 3.3GHz to 4.2GHz



5G/LTE from 4.6 GHz to 5.5 GHz



Wi-Fi 2.4GHz



DIMENSIONS

