

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.

5G
694-6000MHz
7 dBi
**OMNI
DIRECTIONAL**
IP 67
-40° TO +80°

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

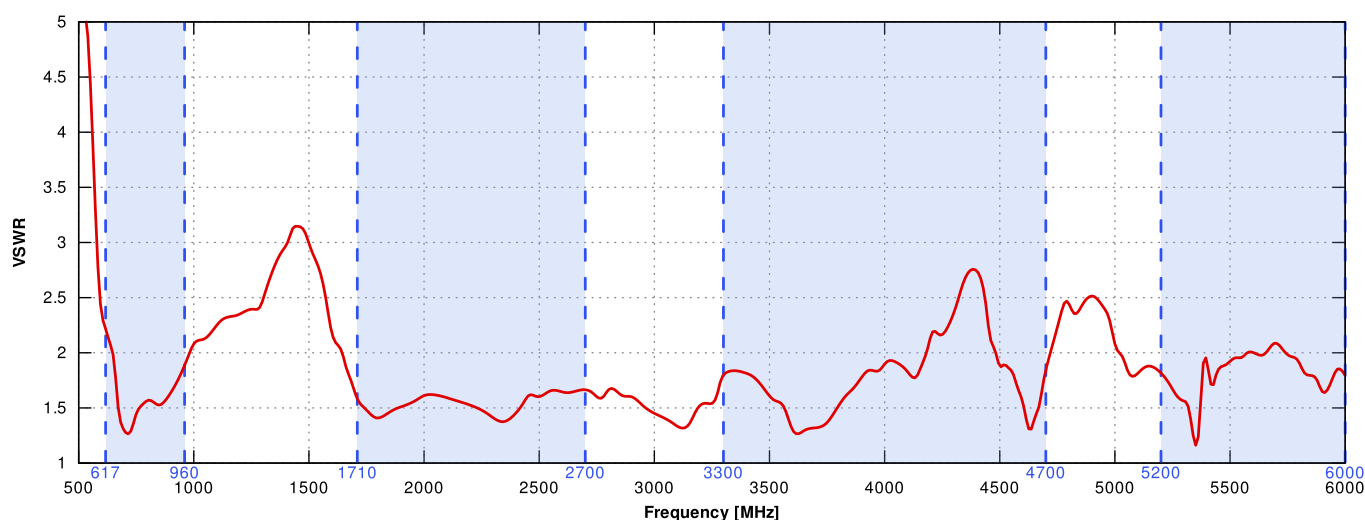
MATERIAL	BS, aluminum, PTFE, Fiberglass
INGRESS PROTECTION	IP67
CONNECTOR TYPE	RJ45
DIMENSIONS	272 x 276 x 96 mm 10.71 x 10.87 x 3.78 inch
WEIGHT	1.8 kg 3.97 lbs
OPERATING TEMPERATURE	From -40°C to 75°C From -40°F to 167°F
ENCLOSURE RECOMMENDED TIGHTENING TORQUE	0.6 - 0.8 Nm

MOUNTING KIT

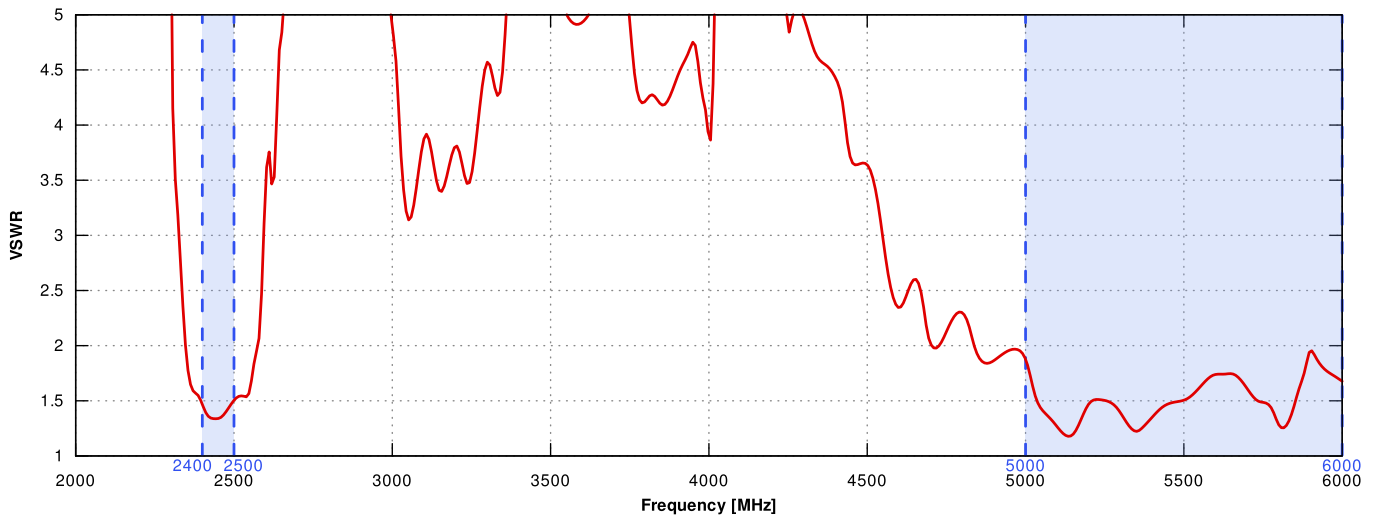
DIMENSIONS	9.9 x 10.5 x 14.8 cm 3.9 x 4.13 x 5.83 inch
REGULATION RANGE	+/- 30°
MAST DIAMETER RANGE	25 - 66mm 0.98-2.60 inch
MATERIAL	Polyamide with fiberglass + galvanized steel U-Bolts
WEIGHT	0.87kg
MOUNTING PLACE	Wall or mast or ceiling

PLOTS

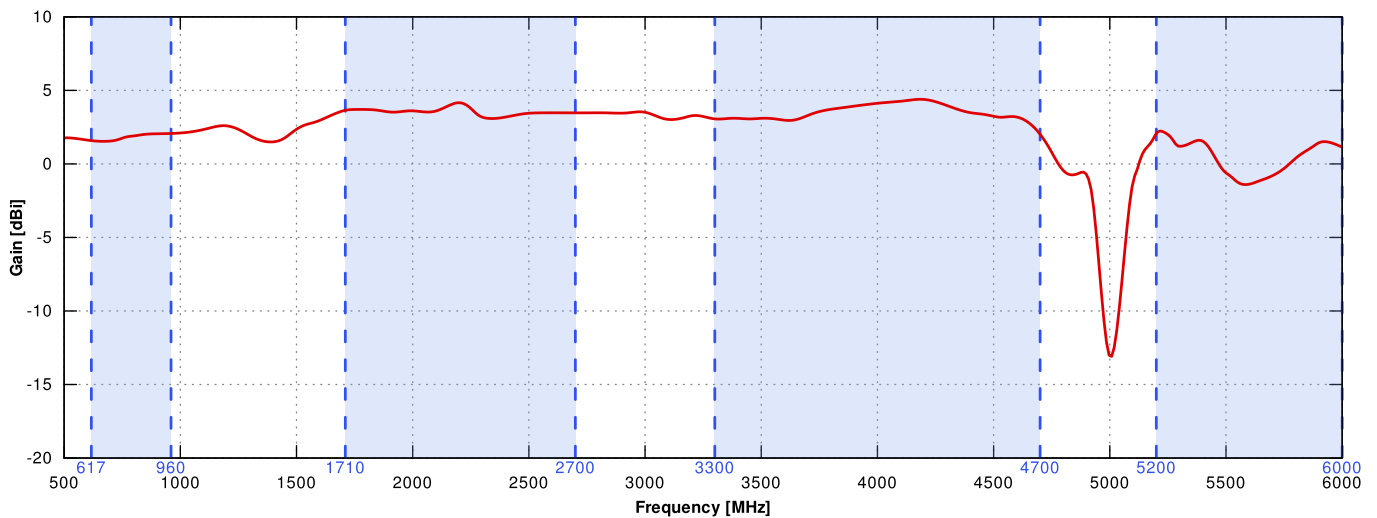
5G/LTE VSWR



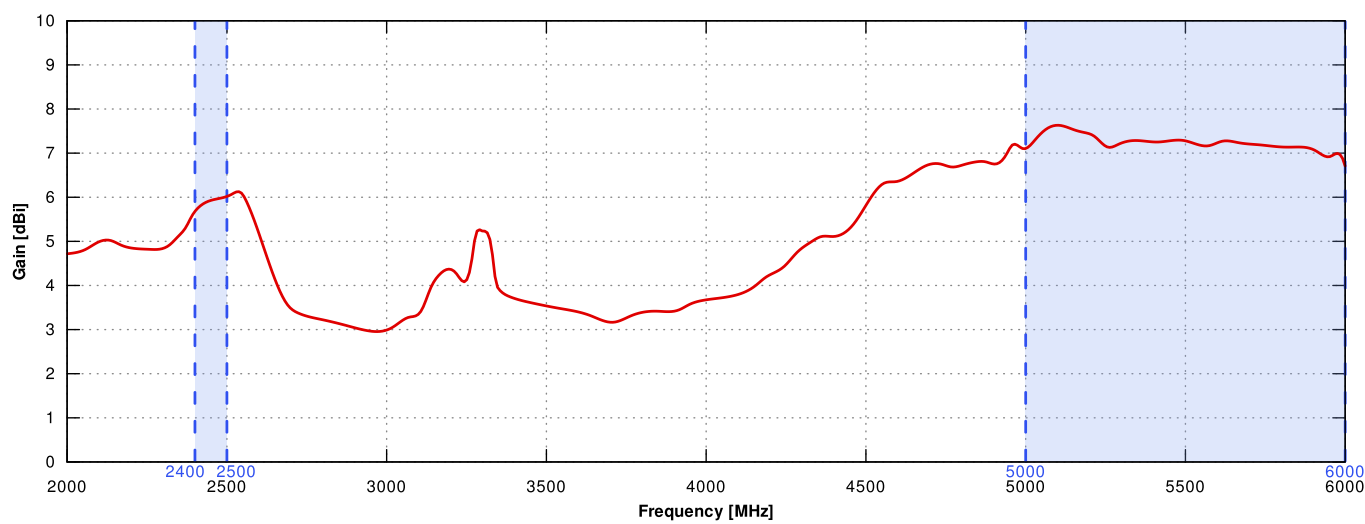
WI-FI VSWR



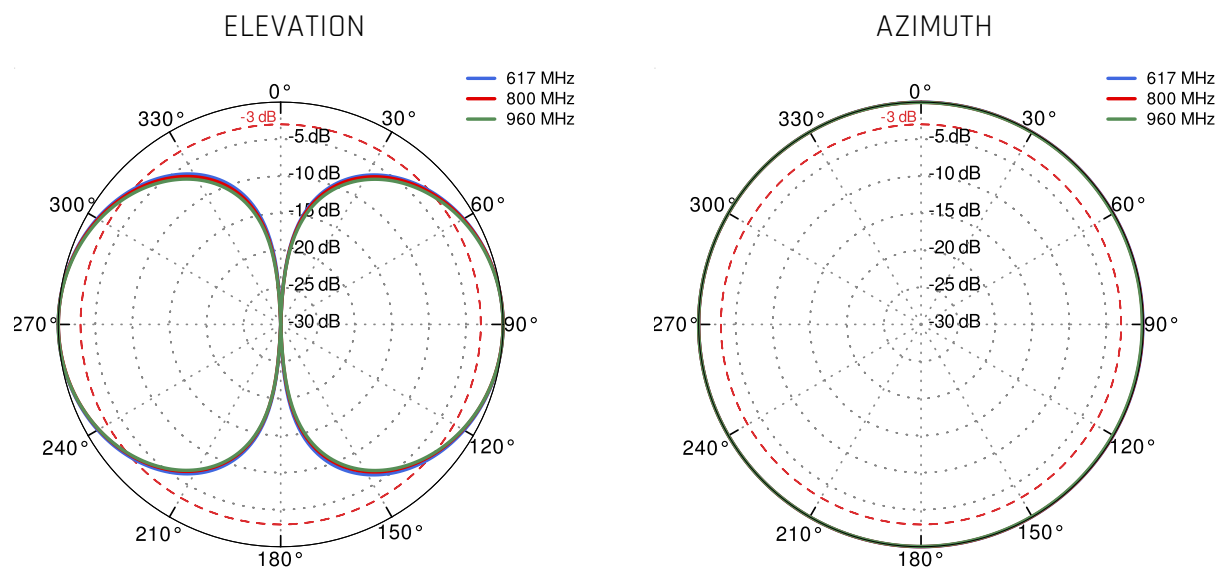
5G/LTE Gain



Wi-Fi Gain



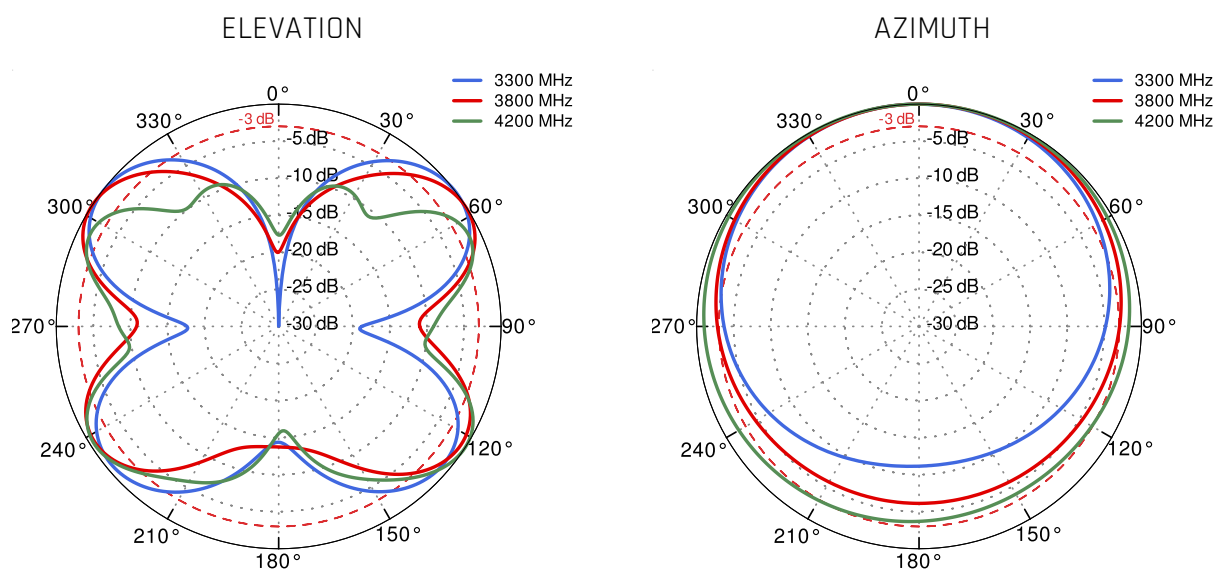
5G/LTE from 617MHz to 950MHz



5G/LTE from 1.71GHz to 2.5GHz



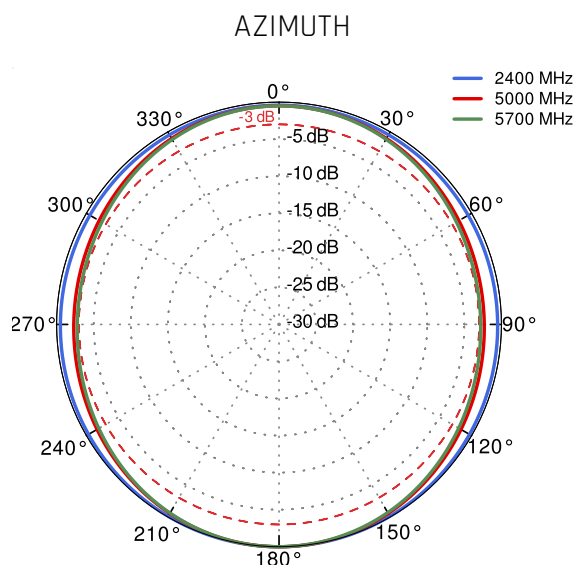
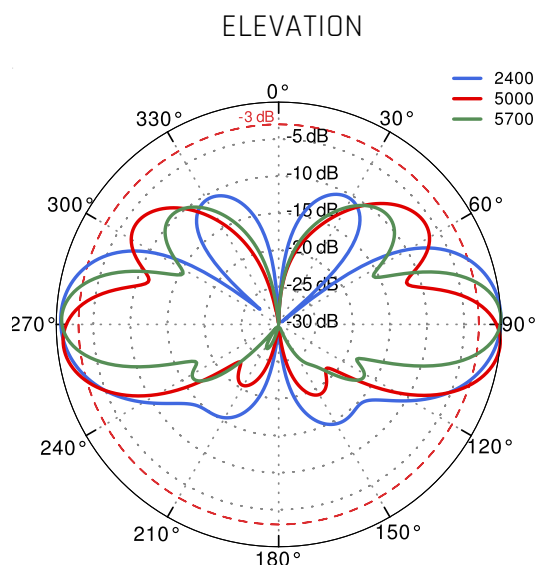
5G/LTE from 3.3GHz to 4.2GHz



5G/LTE from 4.6GHz to 5.5GHz



Wi-Fi 2.4GHz and 5GHz and 6GHz



DIMENSIONS

