

# QuMax Omni for Peplink MAX BR1 Mini (HW3) & M2M

**INTEGRATED MULTI-BAND 5G OMNI ANTENNA + WIFI OMNI ANTENNA + GPS ANTENNA + PLACE TO INSTALL PEPLINK MAX BR1 MINI (HW3) & M2M (ALL-IN-ONE)**

QuMax Omni all-in-one antenna for Peplink MAX BR1 Mini (HW3) & M2M 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 Mini (HW3) or M2M with QuMax Omni antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.

**5G**  
**694-6000MHz****Wi Fi** 2.4GHz  
DUALBAND 5GHz **GPS**  
**7 dBi**  
**OMNI DIRECTIONAL**  
**IP 67**  
**-40° TO +80°**

OUTDOOR ANTENNA WORKS IN ANY WEATHER CONDITIONS, IP67



ANTENNA PERFECTLY MATCHED WITH THE PEPLINK MAX BR1 MINI (HW3) & M2M



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
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 $\Omega$

## WI-FI SPECIFICATION

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

## 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

## 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 - 60mm  
0.98-2.36 inch

### MATERIAL

Polyamide with fiberglass + galvanized steel U-Bolts

### WEIGHT

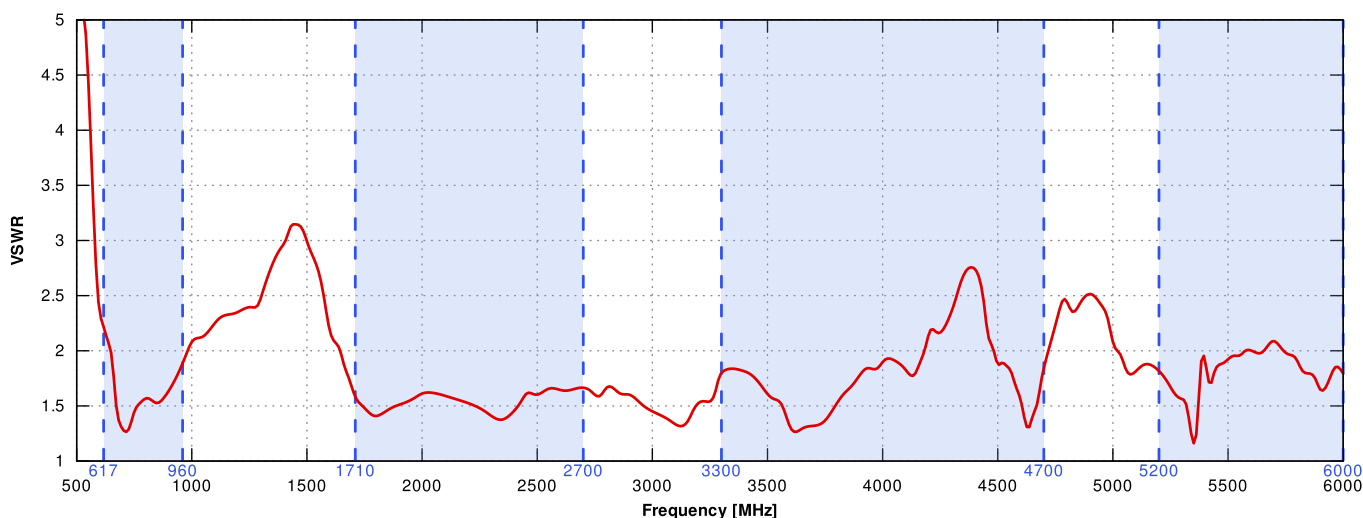
0.87kg

### MOUNTING PLACE

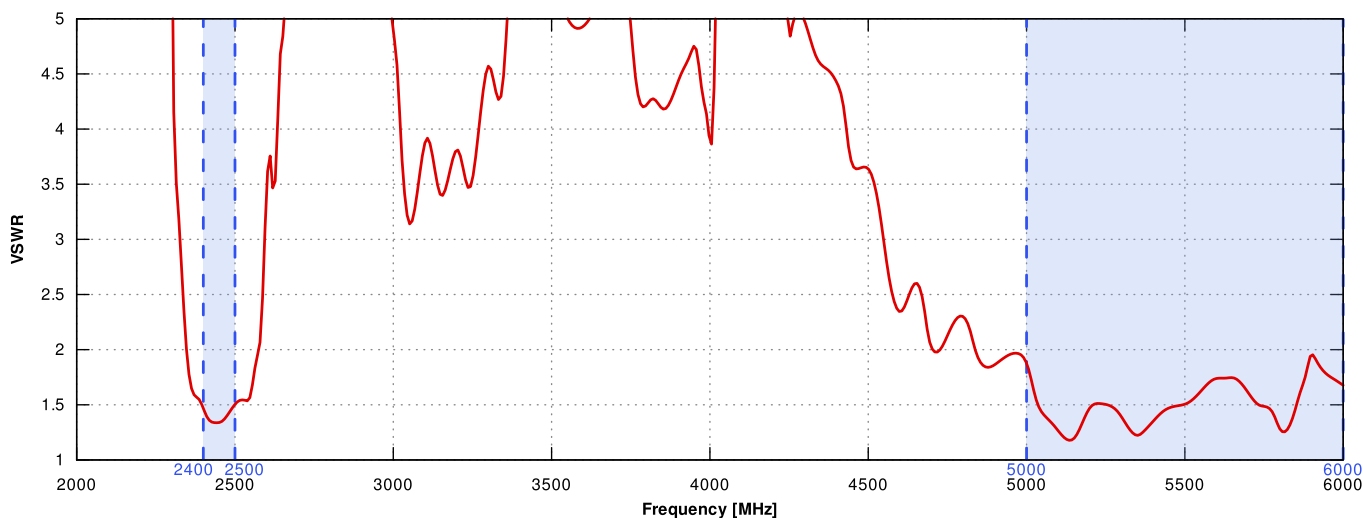
Wall or mast or ceiling

## PLOTS

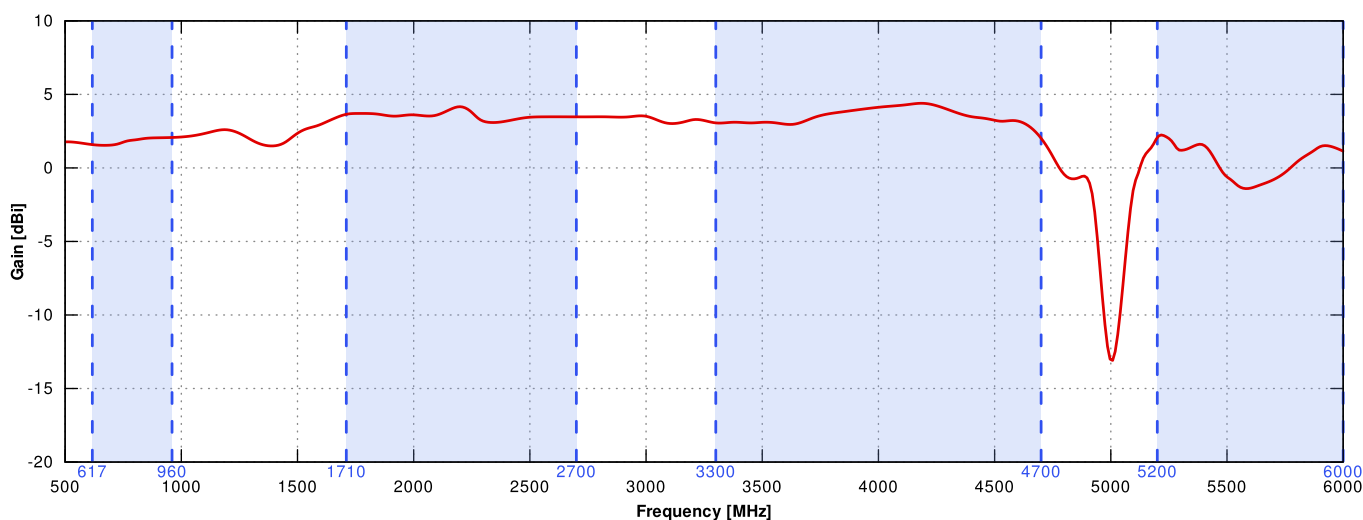
### 5G/LTE VSWR



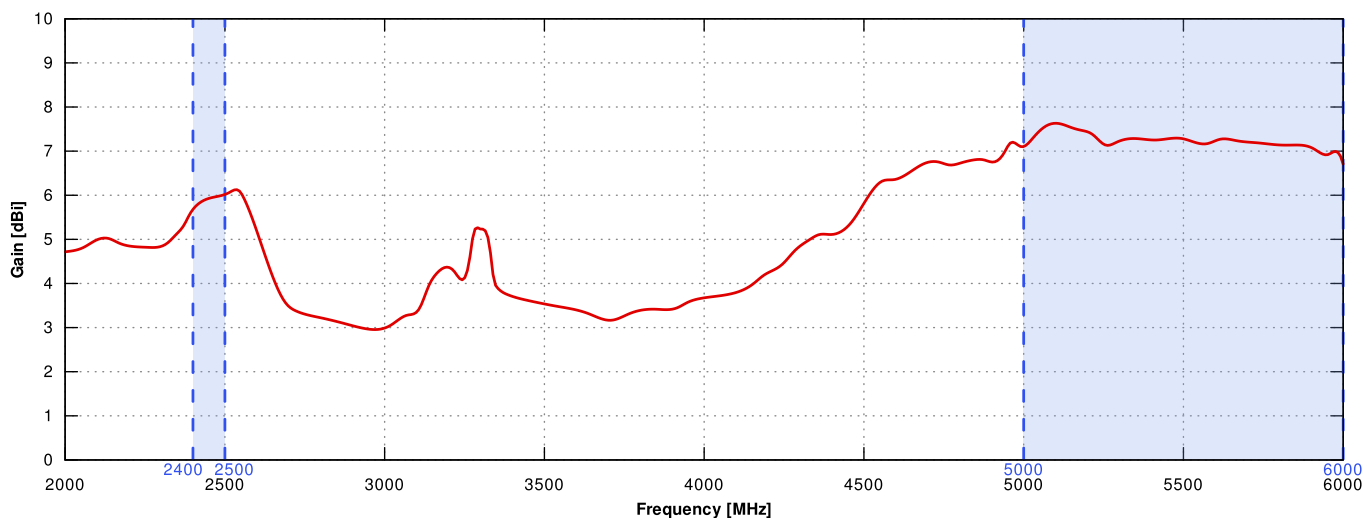
## WI-FI VSWR



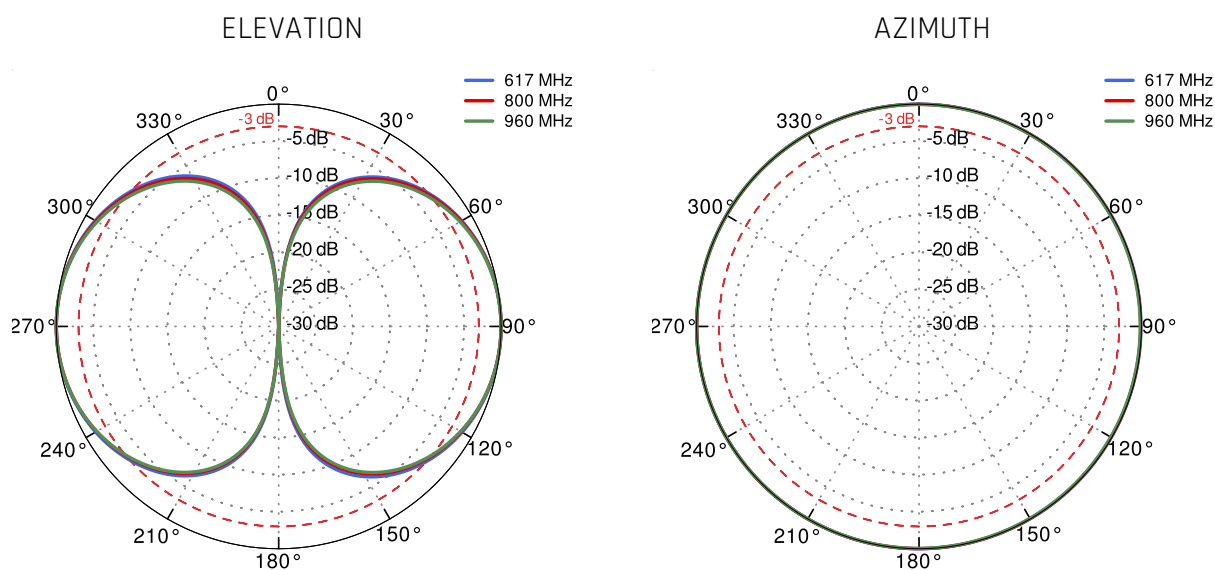
## 5G/LTE Gain



## Wi-Fi Gain



## 5G/LTE from 617MHz to 950MHz



## 5G/LTE from 1.71GHz to 2.5GHz



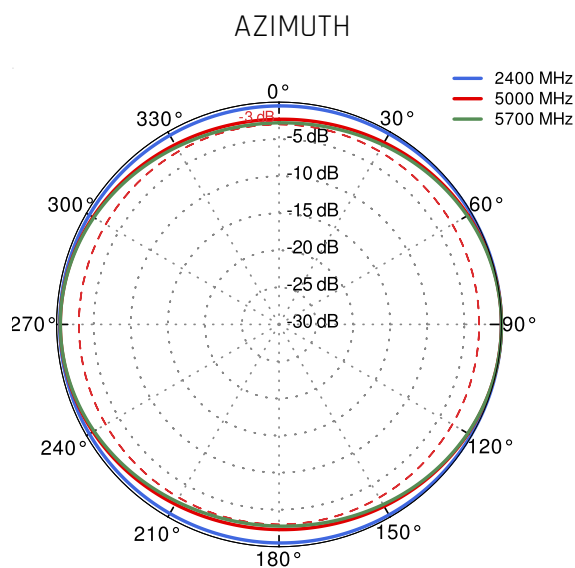
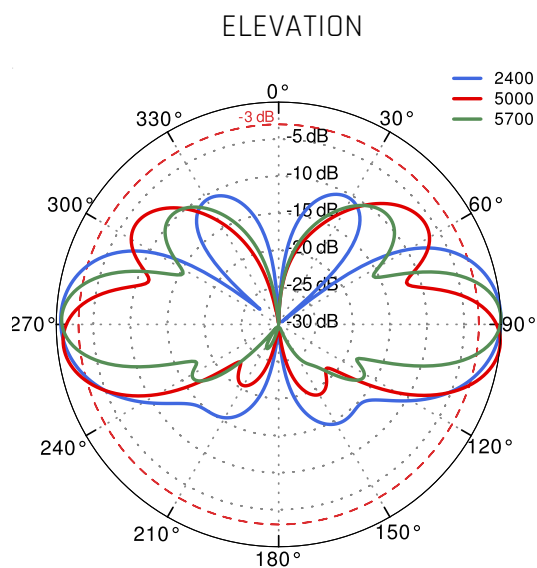
## 5G/LTE from 3.3GHz to 4.2GHz



## 5G/LTE from 4.6GHz to 5.5GHz



## Wi-Fi 2.4GHz and 5GHz and 6GHz





## DIMENSIONS

