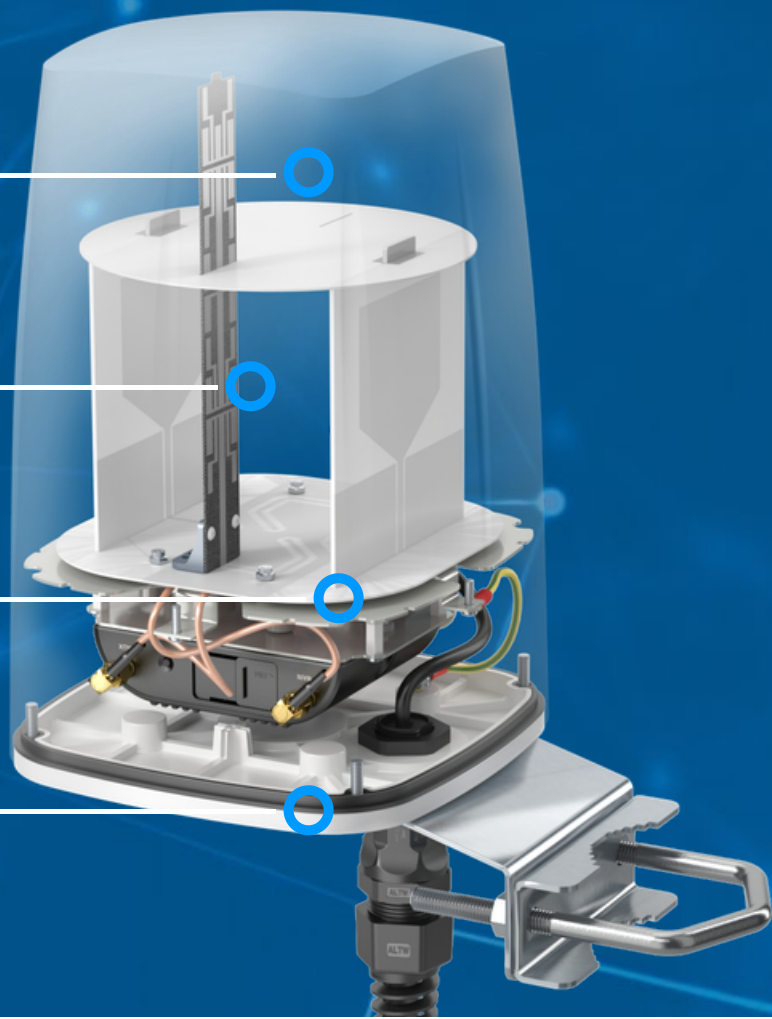
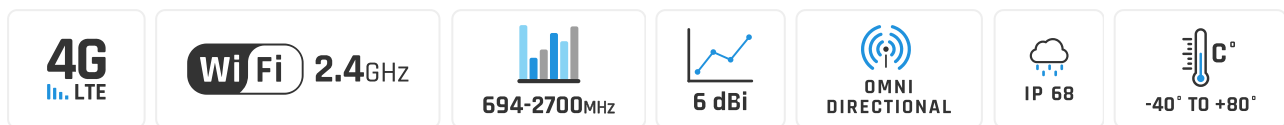


# QuSpot for Cradlepoint IBR200

## INTEGRATED MULTI-BAND LTE OMNI ANTENNA + WIFI OMNI ANTENNA + PLACE TO INSTALL CRADLEPOINT IBR200 (ALL-IN-ONE)

QuSpot omni LTE antenna for Cradlepoint IBR200 router is a perfect outdoor device for mobile and fixed installations like industrial, hotspots, yachts, boats, campers, RV etc. It has embedded also omni Wi-Fi. If you use IBR200 with QuSpot antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.

The set contains a [802.3af 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. Using QuWireless splitter provides 3KA surge and lightning protection.



## LTE ANTENNA SPECIFICATION

<b>FREQUENCY</b>	694 - 960 MHz 1.7 - 2.2 GHz 2.5 - 2.7 GHz
<b>GAIN</b>	694 - 960 MHz : 2 dBi 1.7 - 2.2 GHz : 2 dBi 2.5 - 2.7 GHz : 4 dBi
<b>SUPPORTED LTE/5G BANDS</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 23, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 44, 53, 59, 62, 65, 66, 67, 68, 69, 85, n80, n81, n82, n83, n84, n86, n89, n90, n95
<b>VSWR</b>	<1.60, max <2.00
<b>BEAMWIDTH</b>	360°/35° ±5°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω

## WI-FI ANTENNA SPECIFICATION

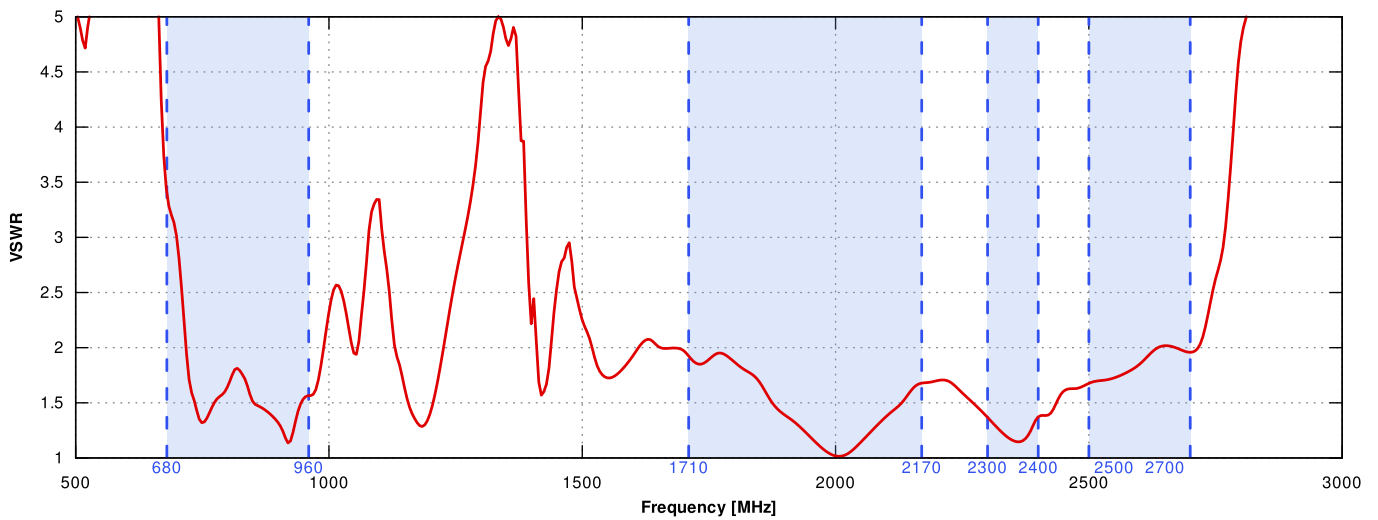
<b>FREQUENCY</b>	2.4 - 2.5 GHz
<b>GAIN</b>	6 dBi
<b>VSWR</b>	<1.70, max <2.00
<b>BEAMWIDTH</b>	360°/25° ±5°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω

## MECHANICAL SPECIFICATION

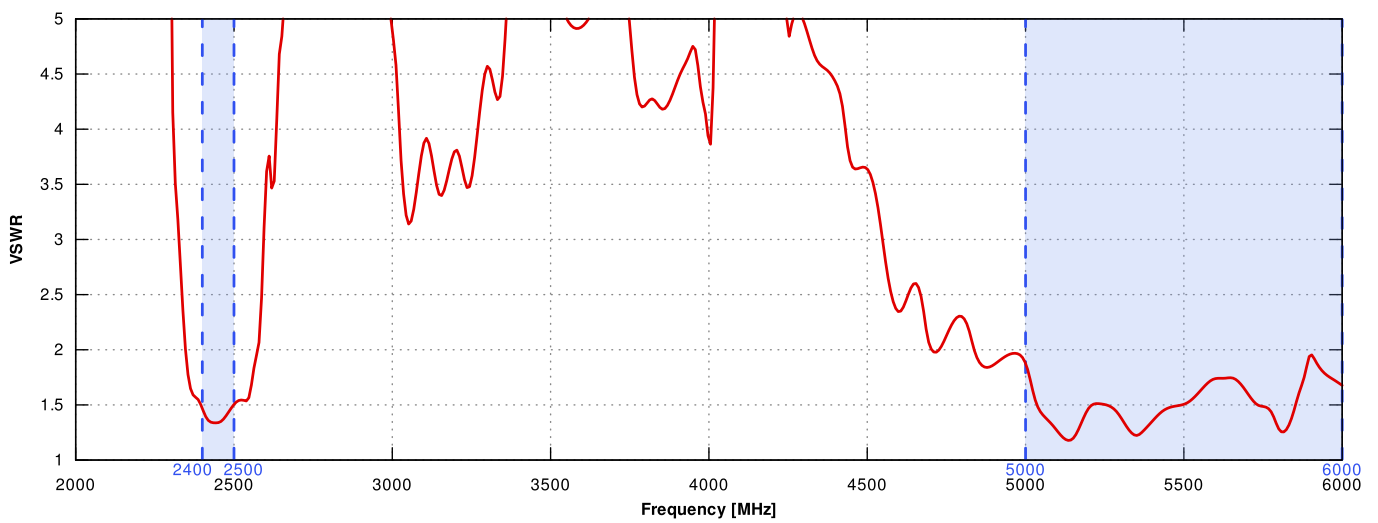
<b>MATERIALS</b>	ABS, aluminum, PTFE, Fiberglass
<b>INGRESS PROTECTION</b>	IP68
<b>CONNECTOR TYPE</b>	RJ45
<b>DIMENSIONS</b>	240 x 160 x 160 mm 9.45 x 6.3 x 6.3 inch
<b>WEIGHT</b>	1.5 kg 3.31 lbs
<b>OPERATING TEMPERATURE</b>	From -25°C to 70°C From -13°F to 158°F
<b>ENCLOSURE RECOMMENDED TIGHTENING TORQUE</b>	0.5 - 0.7 Nm
<b>MAST DIAMETER</b>	25-66 mm 0.98-2.60 inch

## PLOTS

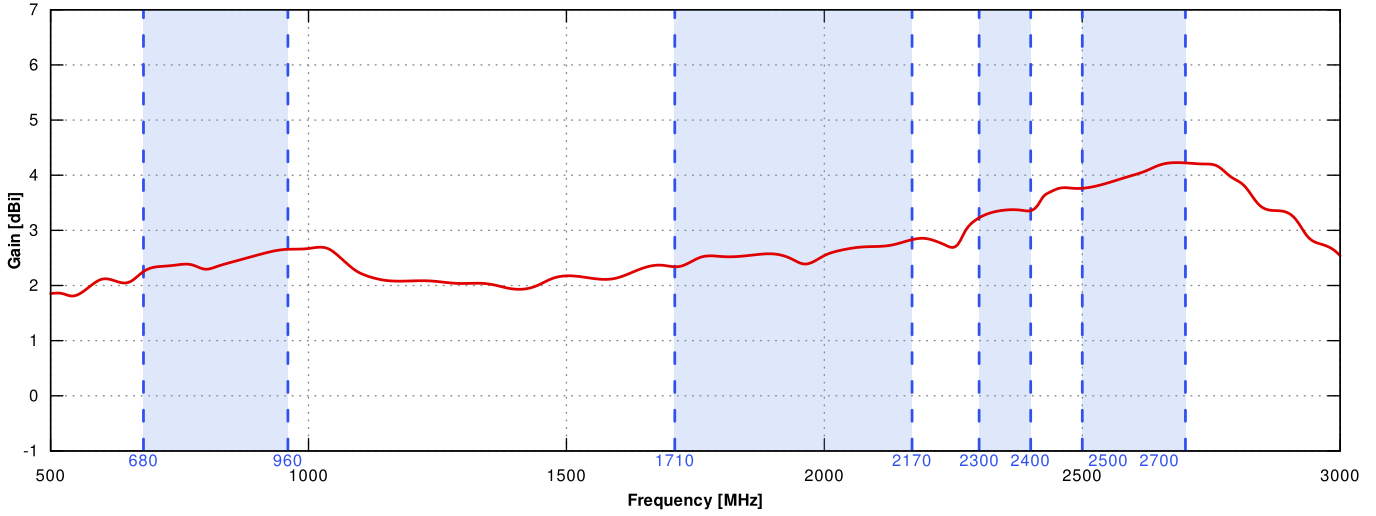
VSWR for LTE antenna



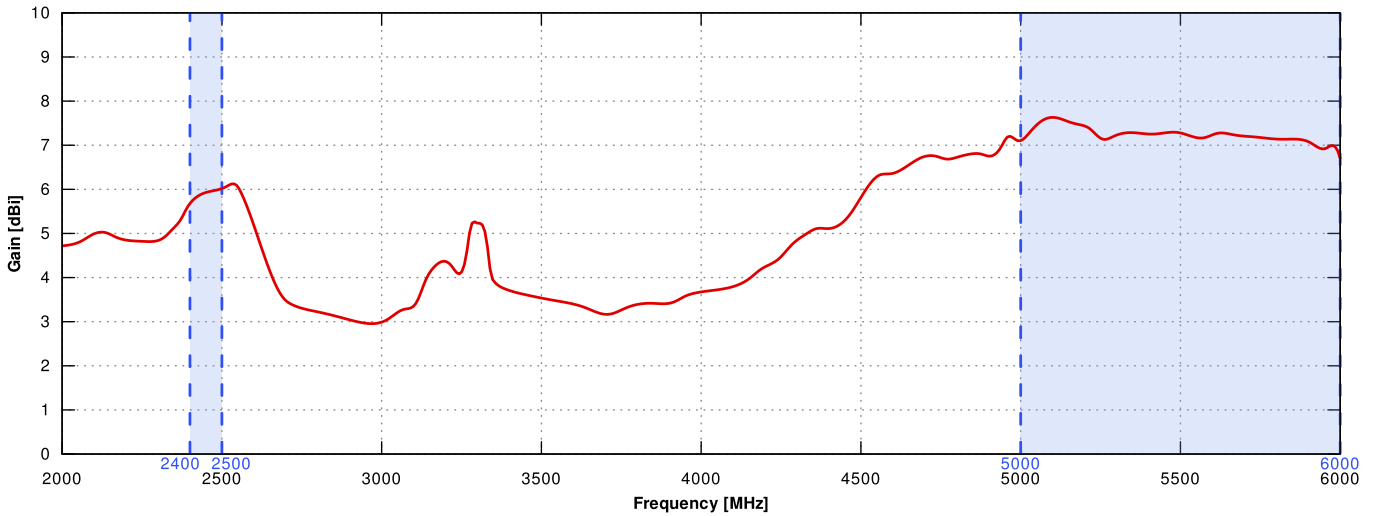
VSWR for Wi-Fi antenna



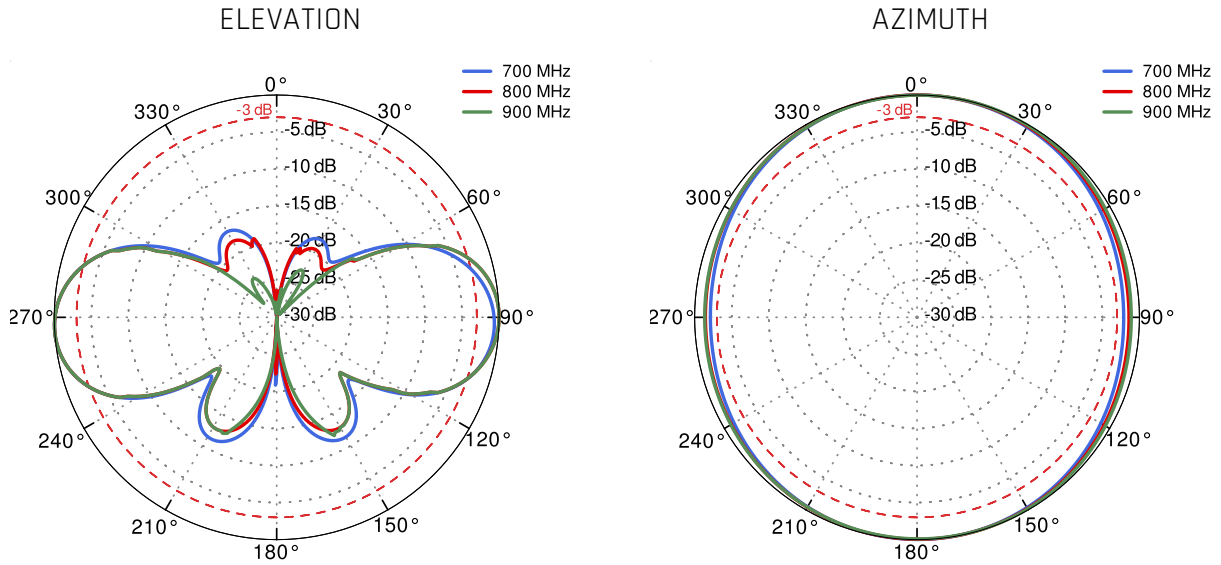
Gain for LTE antenna



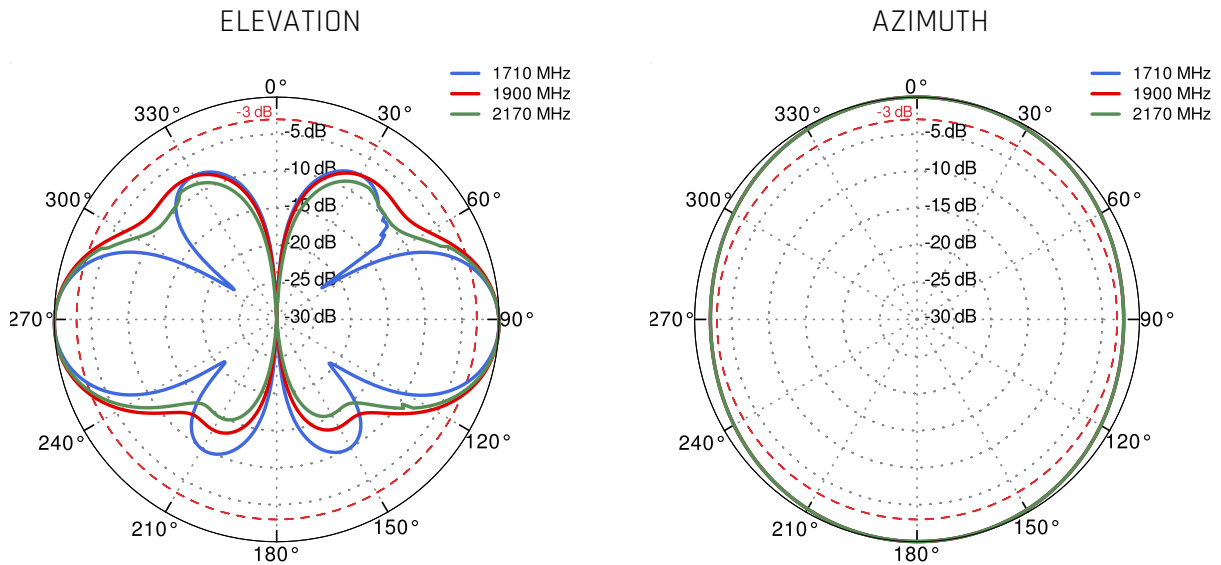
Gain for Wi-Fi antenna



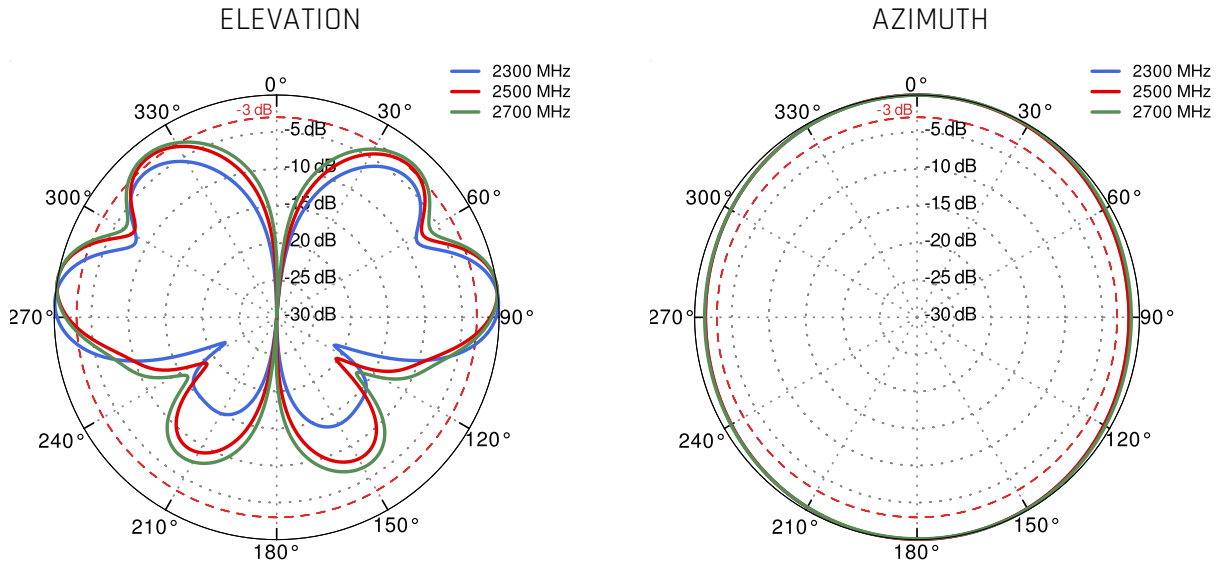
LTE from 700MHz to 900MHz



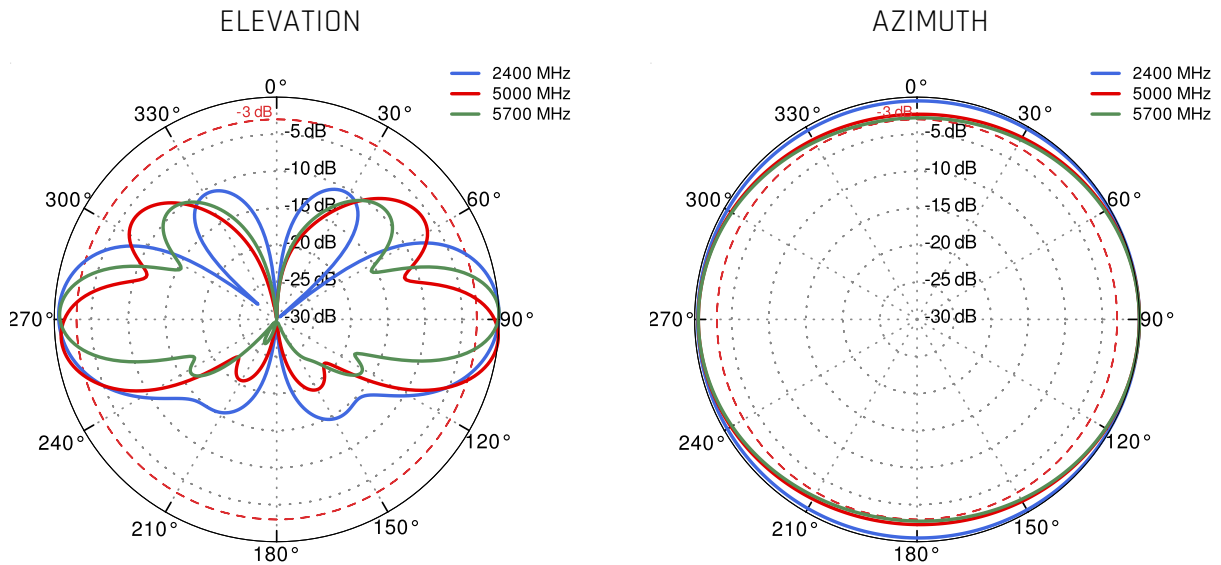
LTE from 1.71 GHz to 2.17GHz



LTE from 2.3GHz to 2.7GHz



Wi-Fi 2.4GHz and 5.7GHz



## **DIMENSIONS**

