

# Thunder Integrated Omni for Ericsson IBR200

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

Thunder Integrated Omni LTE antenna for Ericsson 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 Thunder Integrated Omni 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 our splitter provides 3KA surge and lightning protection.

**4G**  
LTE**Wi Fi** 2.4GHz  
694-2700MHz  
6 dBi  
OMNI  
DIRECTIONAL  
IP 68  
-40° TO +80°

OUTDOOR ANTENNA WORKS IN **ANY**  
WEATHER CONDITIONS, IP68



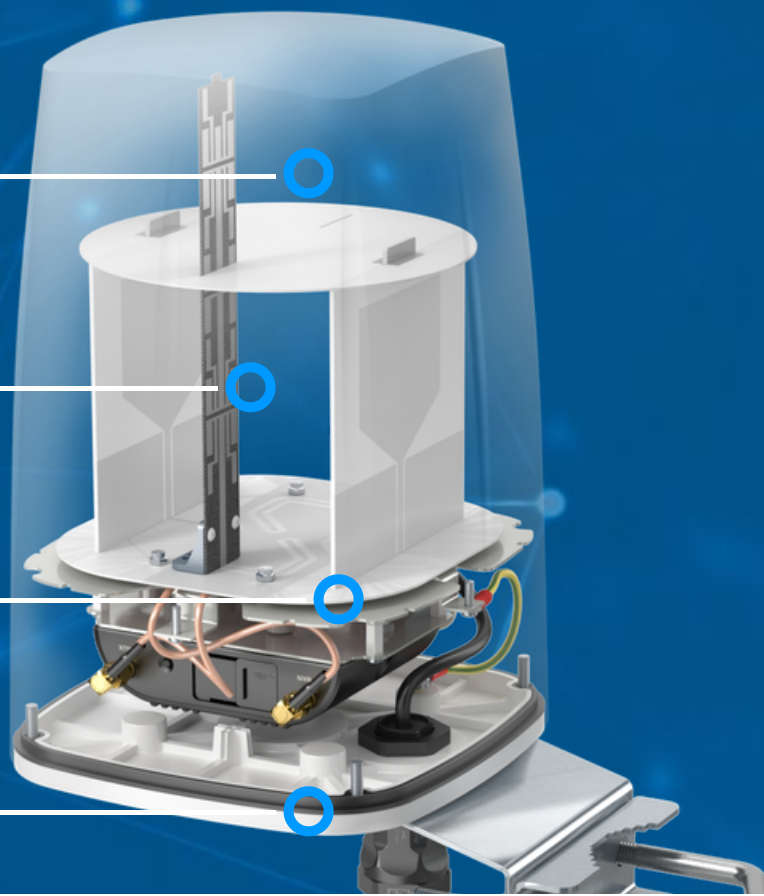
ANTENNA **PERFECTLY MATCHED** WITH  
THE ROUTER



802.3AF POE SUPPORT



MADE IN **EUROPE**



## LTE ANTENNA SPECIFICATION

FREQUENCY	694 - 960 MHz 1.7 - 2.2 GHz 2.5 - 2.7 GHz
GAIN	694 - 960 MHz : 2 dBi 1.7 - 2.2 GHz : 2 dBi 2.5 - 2.7 GHz : 4 dBi
SUPPORTED LTE/5G BANDS	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
VSWR	<1.60, max <2.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 $\Omega$

## WI-FI ANTENNA SPECIFICATION

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

## MECHANICAL SPECIFICATION

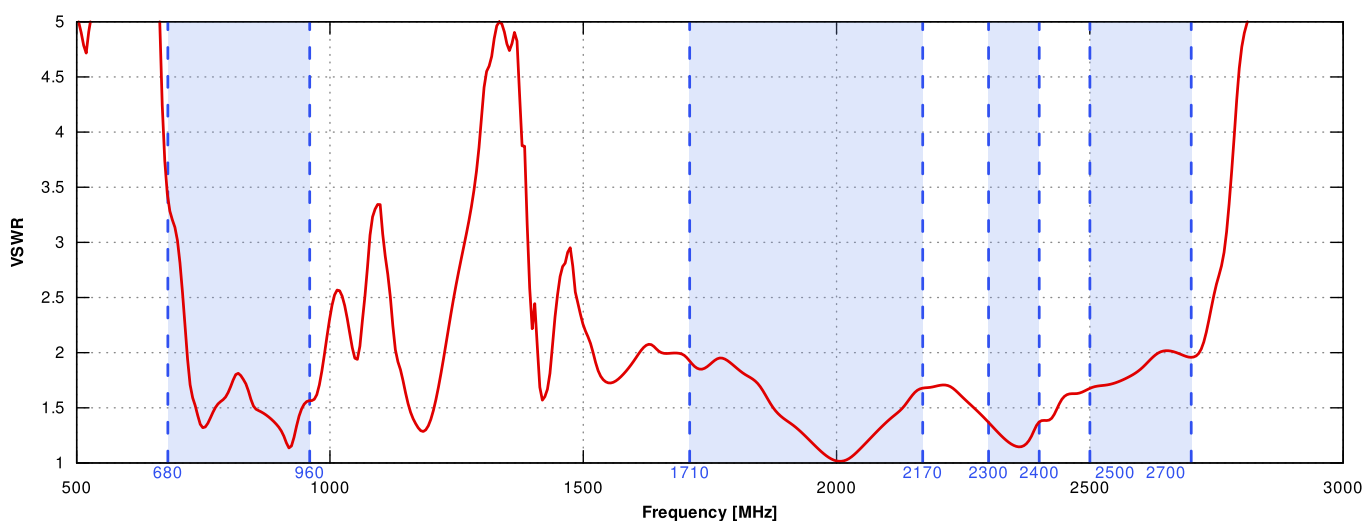
MATERIALS	ABS, aluminum, PTFE, Fiberglass
INGRESS PROTECTION	IP68
CONNECTOR TYPE	RJ45
DIMENSIONS	240 x 160 x 160 mm 9.45 x 6.3 x 6.3 inch
WEIGHT	1.5 kg 3.31 lbs
OPERATING TEMPERATURE	From -25°C to 70°C From -13°F to 158°F
MAST DIAMETER	40-60 mm 1.57-2.36 inch

## COMPATIBLE ROUTERS

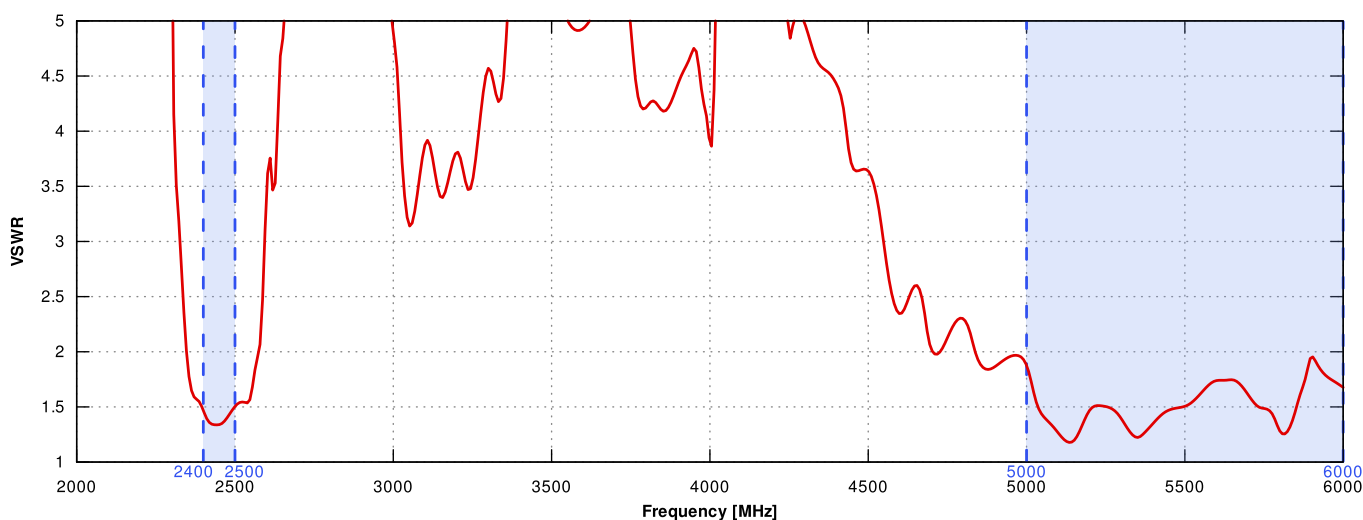
VARIANT: ACP200S

## PLOTS

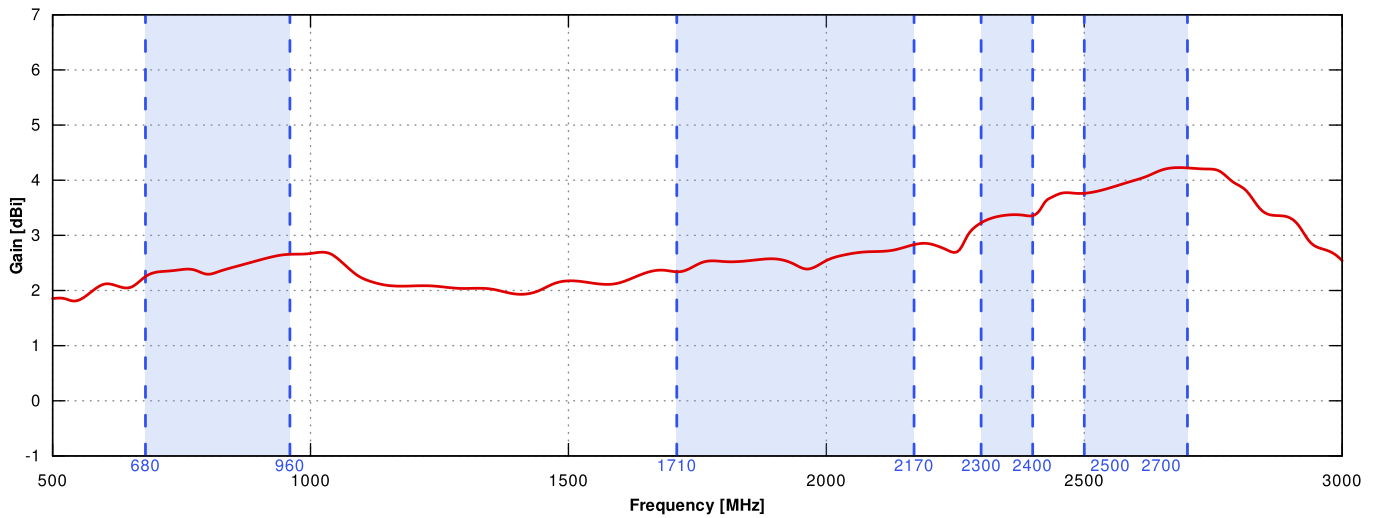
VSWR for LTE antenna



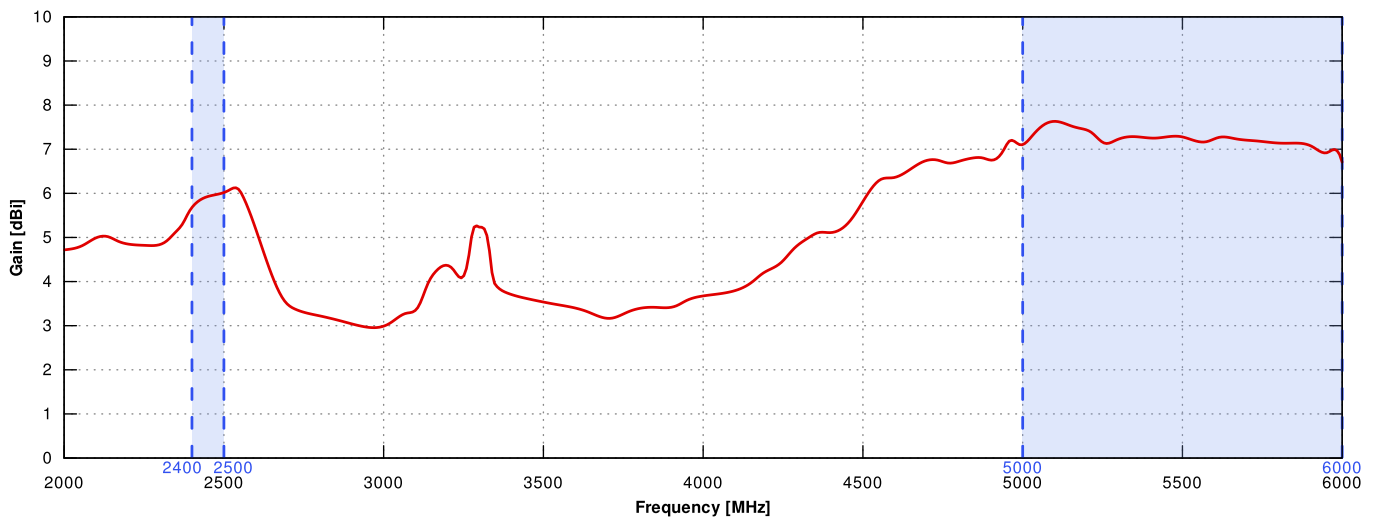
VSWR for Wi-Fi antenna



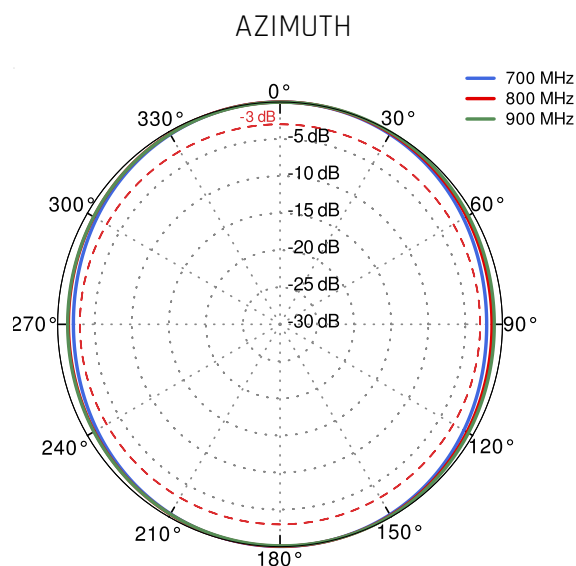
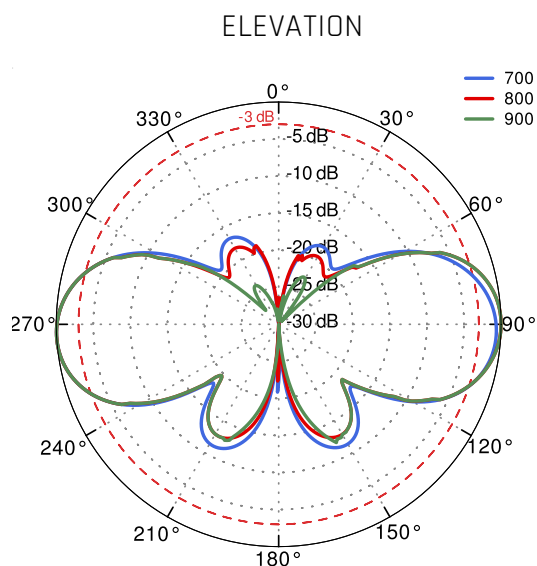
### Gain for LTE antenna



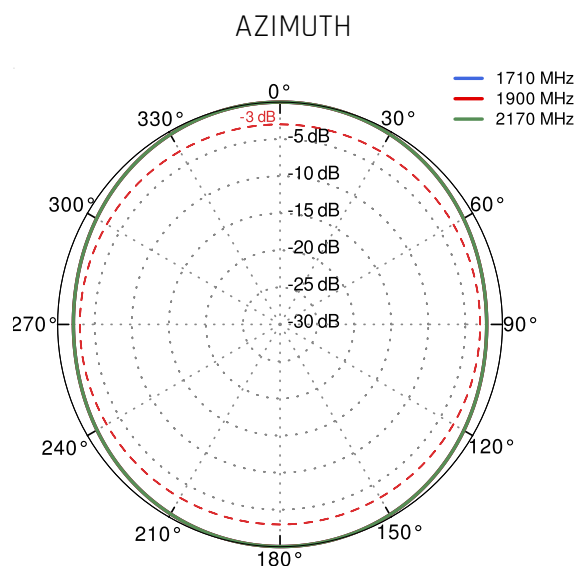
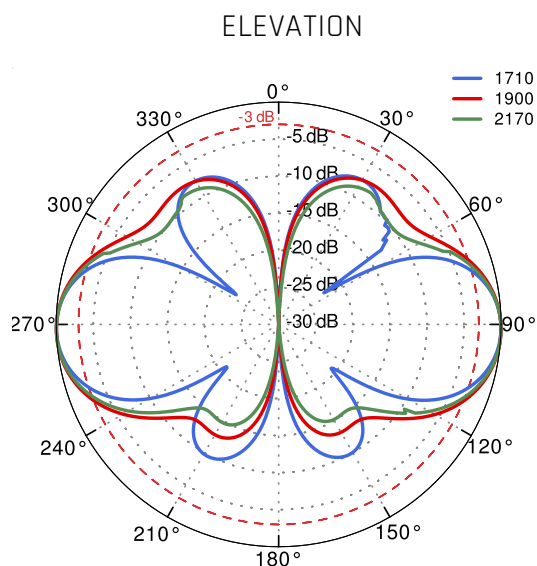
### Gain for Wi-Fi antenna



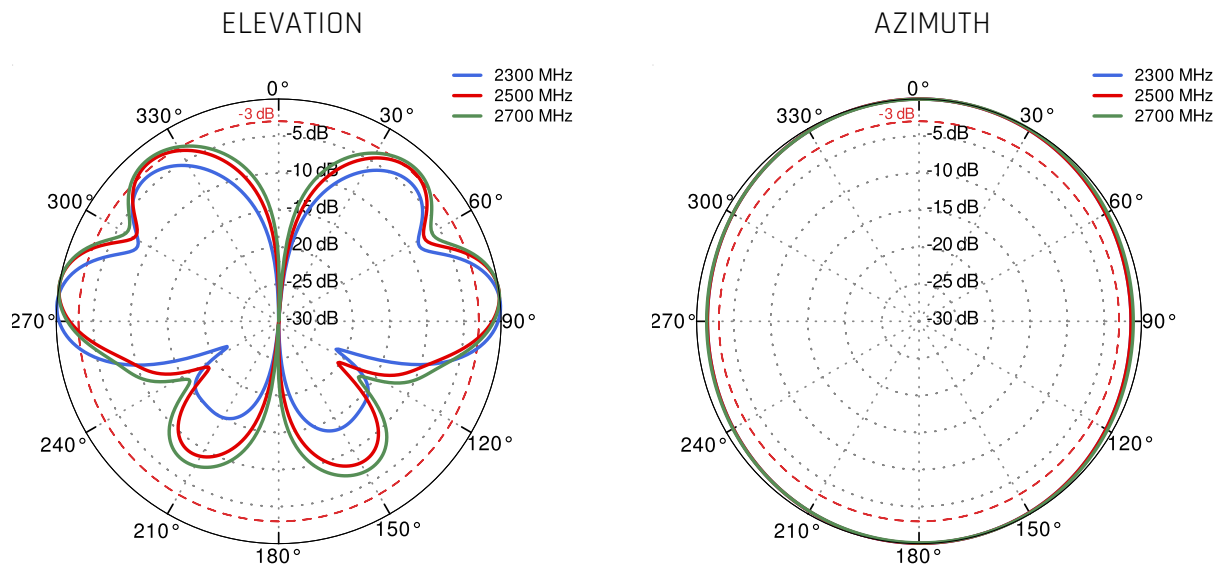
## LTE from 700MHz to 900MHz



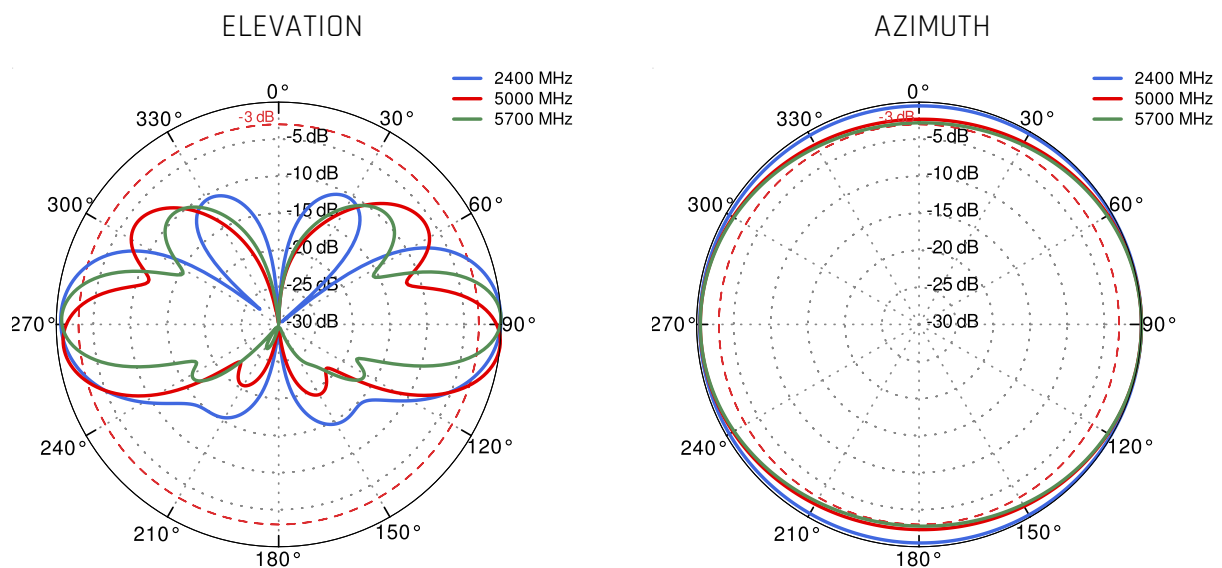
## LTE from 1.71 GHz to 2.17GHz



## LTE from 2.3GHz to 2.7GHz



## Wi-Fi 2.4GHz and 5.7GHz



## DIMENSIONS

