


QuSpot for Teltonika RUTX12/RUTX14

Integrated multi-band LTE omni antenna + WiFi omni antenna + GPS Active antenna + Bluetooth antenna + place to install Teltonika RUTX12/RUTX14 (All-in-one)

QuSpot omni LTE antenna for Teltonika **RUTX12** or **RUTX14** router is a perfect outdoor device for mobile and fixed installations like industrial, CCTV, hotspots, yachts, boats, campers, RV etc. It also has embedded Wi-Fi dualband 2.4 & 5 GHz omni antenna, GPS antenna and Bluetooth antenna. If you use **RUTX12** or **RUTX14** with QuSpot antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.

4G
LTE**Wi Fi**
DUALBAND
2.4GHz
5GHz
BLUETOOTH
GPS
694-2700MHz
7 dBi
OMNI
DIRECTIONAL
IP 68
-40° TO +80°

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



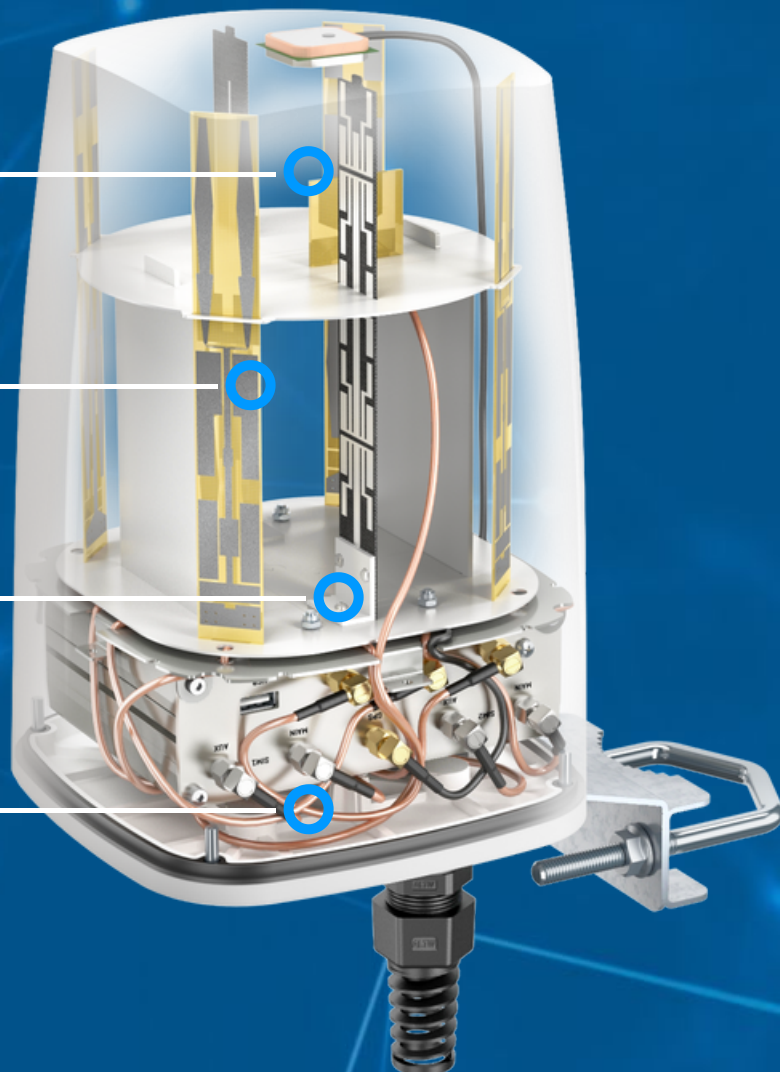
ANTENNA **PERFECTLY MATCHED** WITH
THE ROUTER



PASSIVE **POE** SUPPORT



MADE IN **EUROPE**



LTE ANTENNA SPECIFICATION

FREQUENCY	694 - 960 MHz 1.7 - 2.2 GHz 2.2 - 2.7 GHz
SUPPORTED LTE/5G BANDS	1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 25, 26, 27, 28, 29, 33, 34, 35, 36, 37, 38, 39, 44, 65, 66, 67, 68, 69, 85, 103, n80, n81, n82, n83, n84, n86, n89, n95, n98, n100, n101, n256
GAIN	694 - 960 MHz : 2 dBi 1.7 - 2.2 GHz : 2 dBi 2.2 - 2.7 GHz : 3 dBi
VSWR	<1.50, max <2.50
BEAMWIDTH	360°/25° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
CONNECTOR	4x SMA
CABLE TYPE	RG316

WI-FI ANTENNA SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 4.7 - 6 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
CONNECTOR	2x RPSMA
CABLE TYPE	RG316

BLUETOOTH ANTENNA SPECIFICATION

FREQUENCY	2.20 - 2.70 GHz
GAIN	2 dBi
VSWR	<1.70, max <2.00
BEAMWIDTH	360°/25° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
CONNECTOR	1x RPSMA
CABLE TYPE	RG316

GPS ACTIVE ANTENNA

FREQUENCY	1.56 – 1.61 GHz
VSWR	< 2
GAIN	3 dBi
GAIN 3V	28 dBi
DC POWER INPUT	2.5 V ~ 6.5 V
POWER CONSUMPTION	2.5-6.5mA
IMPEDANCE	50 Ω
POLARIZATION	RHCP (right hand circularly polarized)
CONNECTOR	1x SMA
CABLE TYPE	RG174

MECHANICAL SPECIFICATION

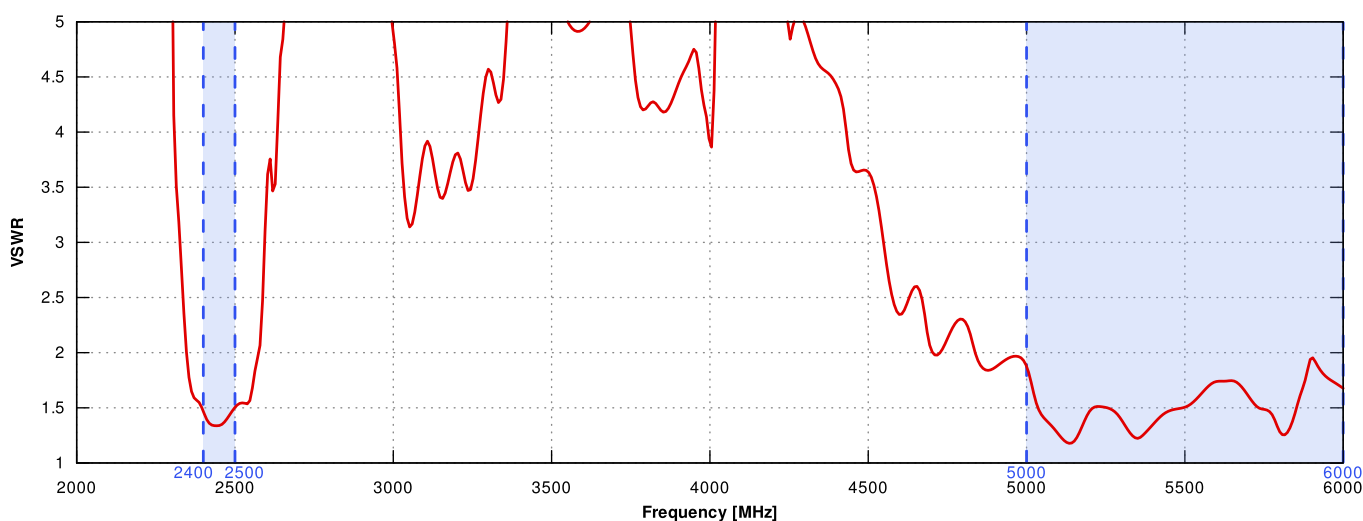
MATERIALS	ABS, aluminum, PTFE
CONNECTOR TYPE	RJ45
INGRESS PROTECTION	IP68
DIMENSIONS	160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch
WEIGHT	1.5 kg 3.31 lbs
OPERATING TEMPERATURE	From -40°C to 80°C From -40°F to 176°F
MAST DIAMETER	40-60 mm 1.57-2.36 inch

FREQUENCY BANDS

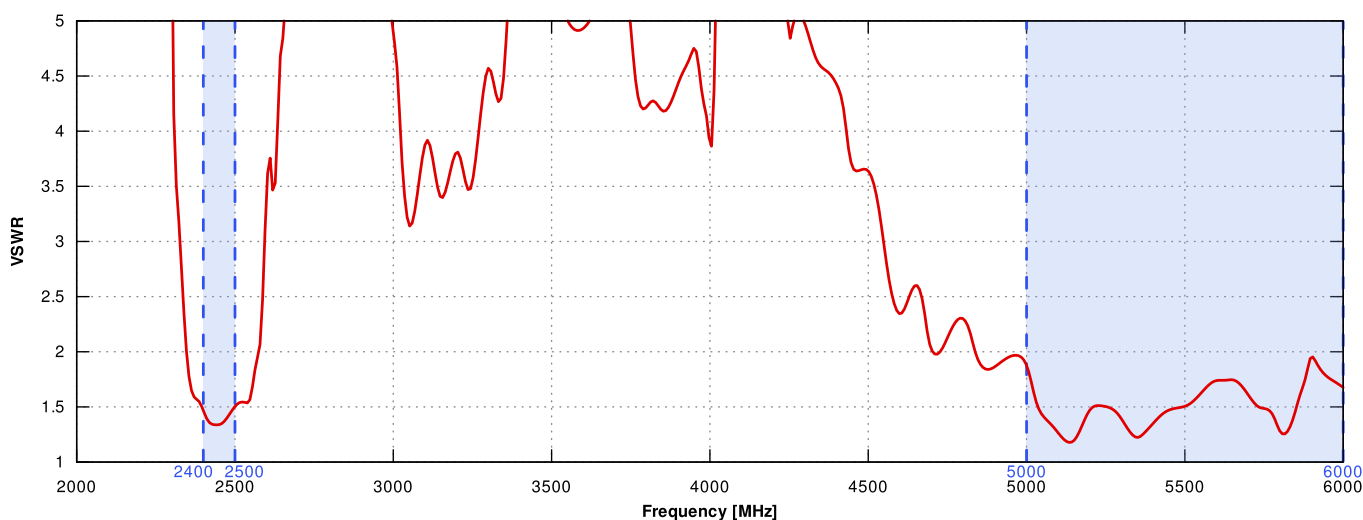
LTE / 4G GSM	<div>581213141718</div> <div>617 MHz19202627282944960 MHz</div> <div>676885103</div>
LTE / 4G UMTS	<div>123491025</div> <div>1710 MHz333435363739n802170 MHz</div> <div>n84n86n95n98n101</div>
LTE / 4G	<div>2400 MHz738692700 MHz</div>

PLOTS

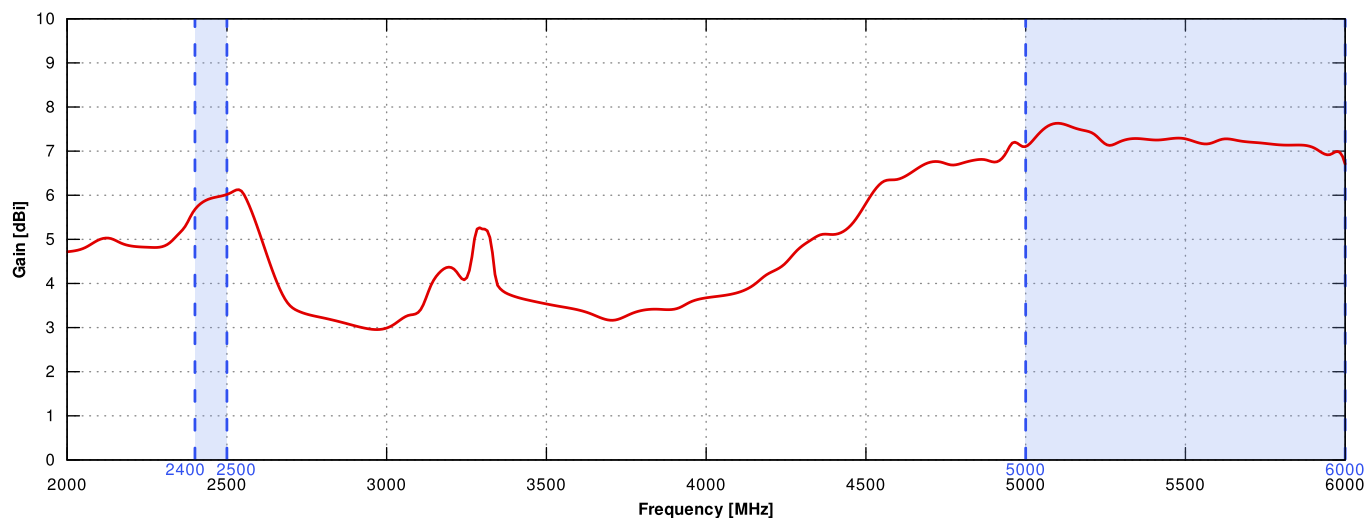
VSWR for Wi-Fi antenna



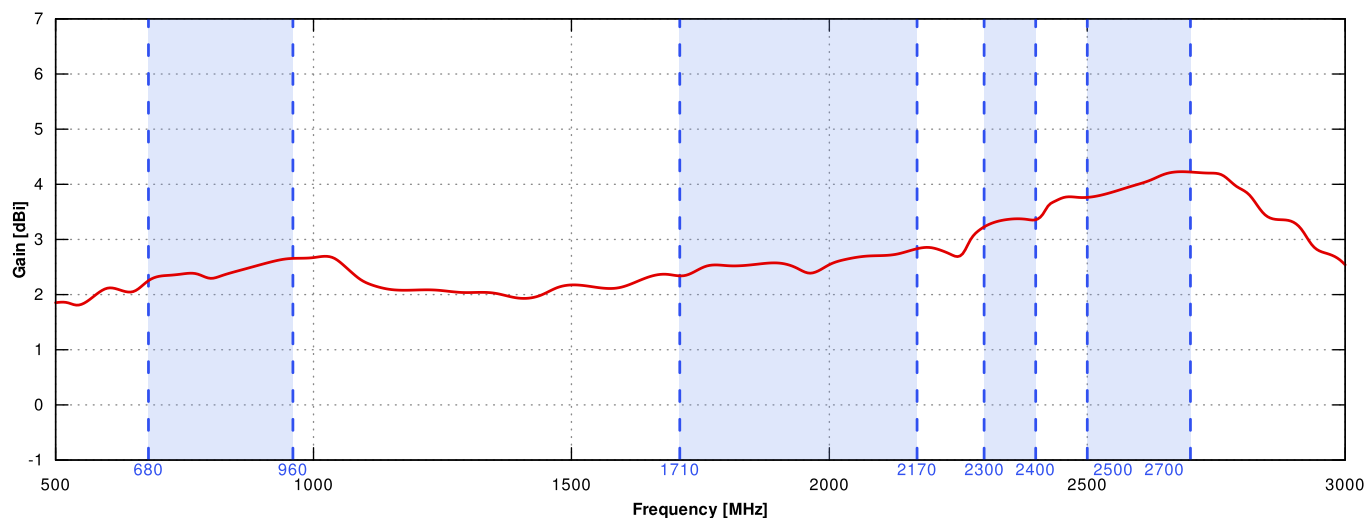
VSWSR for LTE antenna



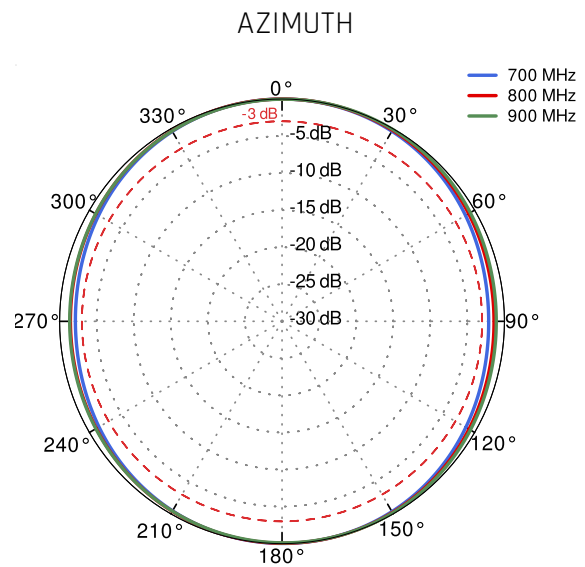
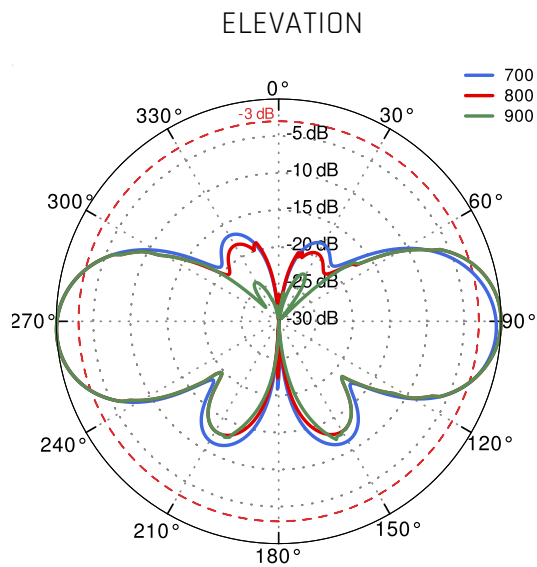
Gain for Wi-Fi antenna



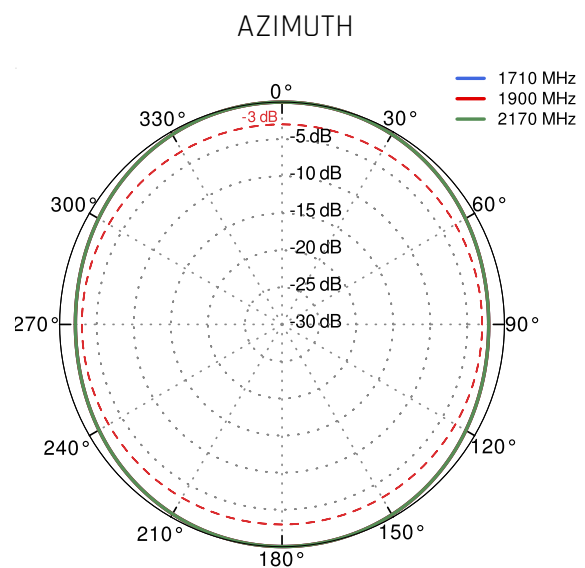
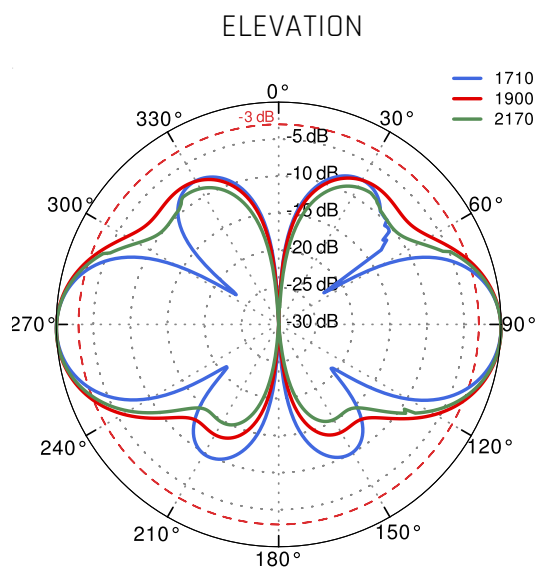
Gain for LTE antenna



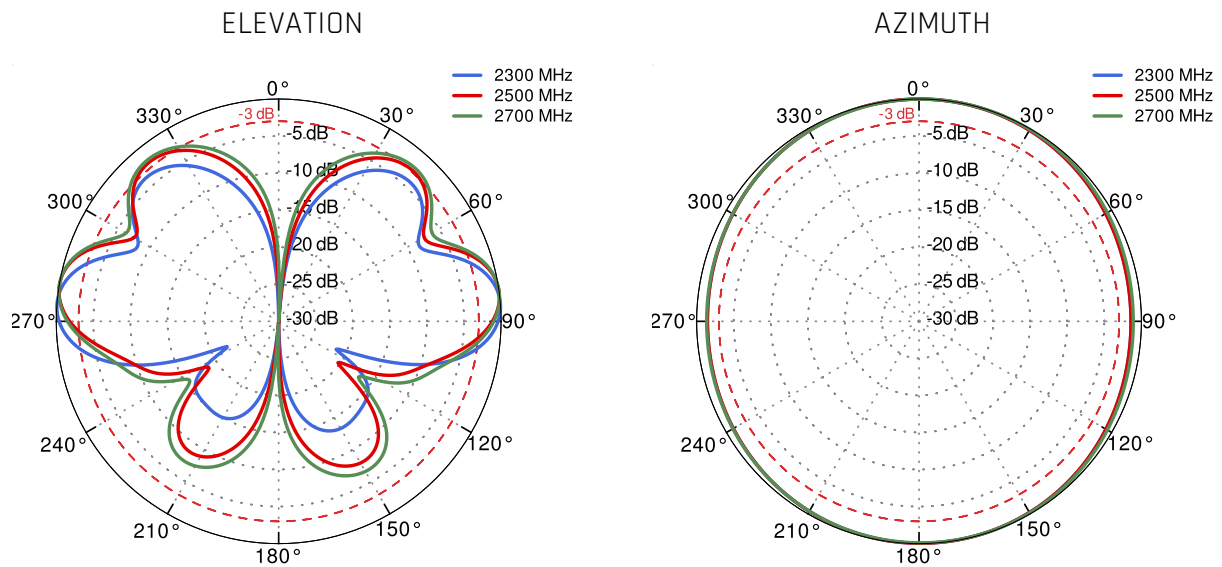
LTE from 700MHz to 900MHz



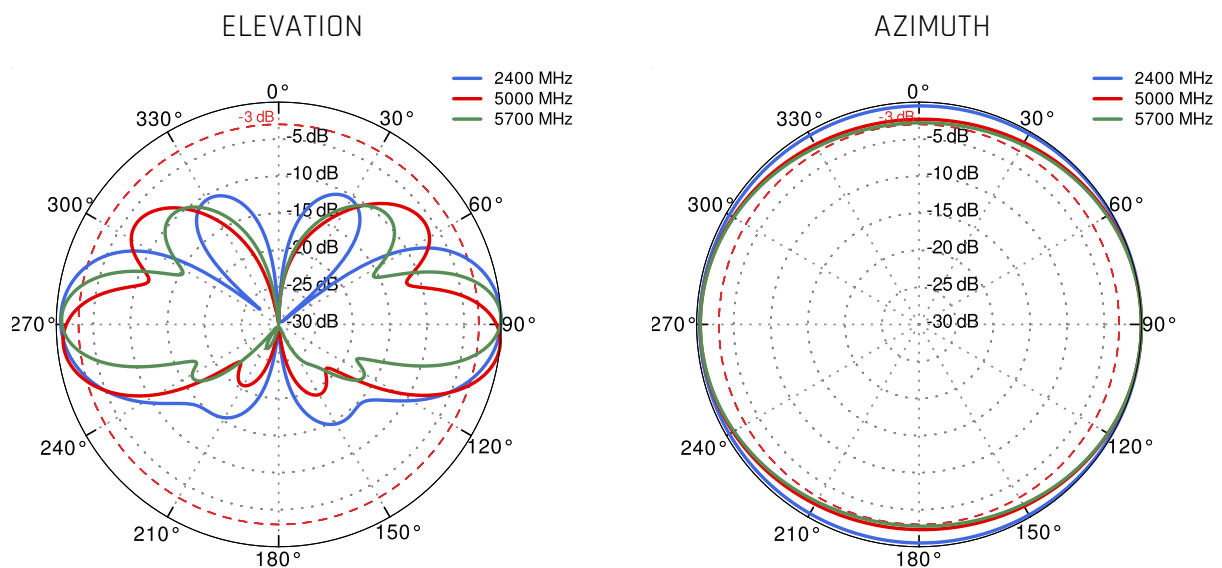
LTE from 1.71GHz to 2.17GHz



LTE from 2.3GHz to 2.7GHz



Wi-Fi 2.4GHz and 5GHz



DIMENSIONS

