


# QuSpot for RUT2xx ver. US (Band71)

**Integrated multi-band LTE omni antenna ver. US + WiFi omni antenna + place to install Teltonika RUT241, RUT240 or 230 (All-in-one)**

QuSpot omnidirectional LTE antenna ver. US for Teltonika **RUT260, RUT241, RUT240, RUT230 or RUT200 routers** is a perfect outdoor device for mobile and fixed installations e.g. CCTV, hotspots, industrial areas, campervans, ships etc.. In addition to having omnidirectional, multi-band LTE antennas, **it has also embedded omnidirectional Wi-Fi antenna**. If you use RUT2xx with QuSpot antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.

**4G**  
LTEB  
A  
N  
D  
**71**  
**617-3800MHz****Wi Fi** 2.4GHz  
**4 dBi**  
**OMNI  
DIRECTIONAL**  
**IP 68**  
**-40° TO +80°**

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



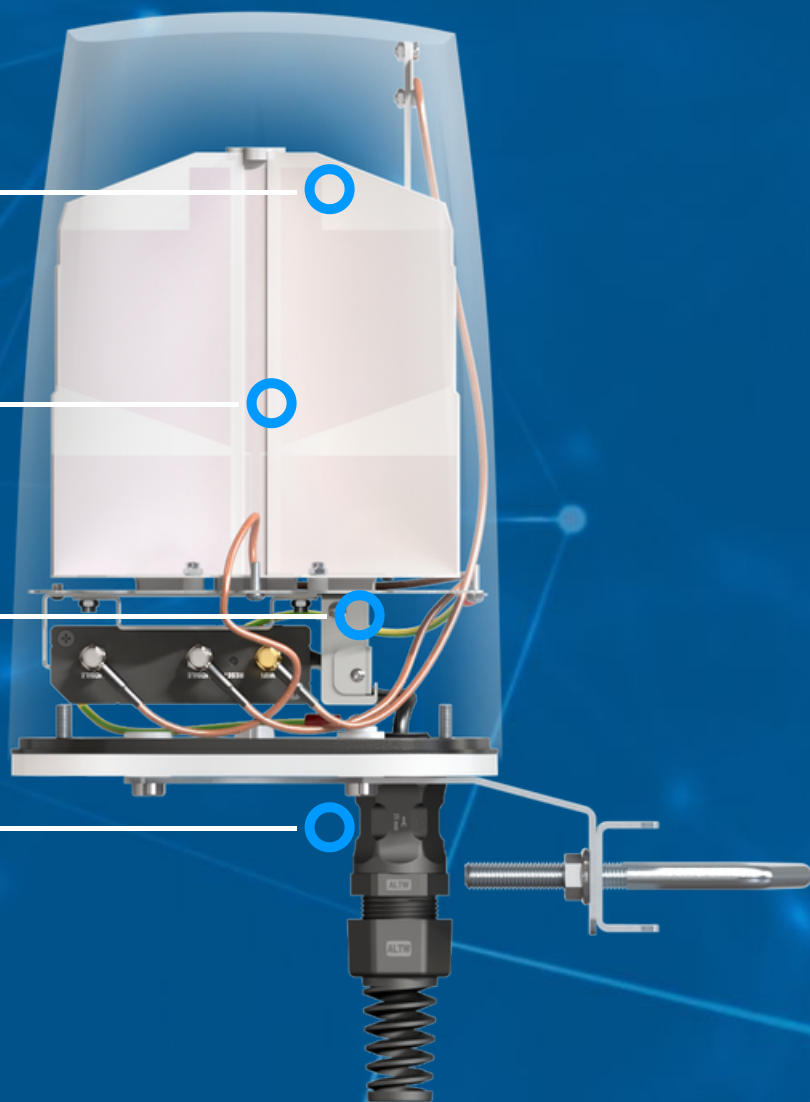
ANTENNA **PERFECTLY MATCHED** WITH  
THE ROUTER



WALL OR MAST MOUNTING SYSTEM



MADE IN **EUROPE**



## LTE ANTENNA SPECIFICATION

FREQUENCY	617 - 960 MHz 1.7 - 2.2 GHz 2.3 - 2.7 GHz 3.3 - 3.8 GHz
GAIN	617 - 960 MHz : 3 dBi 1.7 - 2.2 GHz : 3.5 dBi 2.3 - 2.7 GHz : 3.5 dBi 3.3 - 3.8 GHz : 4dBi
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, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, 106
VSWR	<1.80, max <2.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 $\Omega$
CONNECTOR	2x SMA
CABLE TYPE	RG316

## 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 $\Omega$
CONNECTOR	1x RPSMA
CABLE TYPE	RG316

## 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**

617 MHz	5	8	12	13	14	17	18	960 MHz
	19	20	26	27	28	29	44	
	67	68	71	85	103	n81	n82	
	n83	n89	100					

**LTE / 4G UMTS**

1710 MHz	1	2	3	4	9	10	25	2170 MHz
	33	34	35	36	37	39	n80	
	n84	n86	n95	n98	n101			

**LTE / 4G WCS DARS**

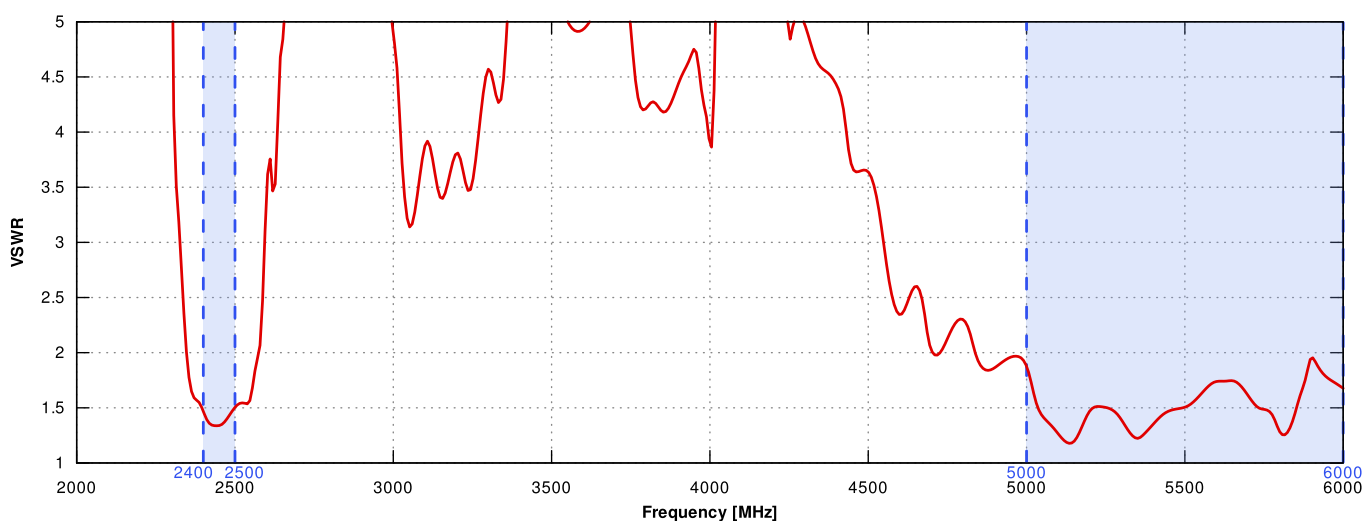
2300 MHz	30	40	n97					2400 MHz
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**LTE / 4G**

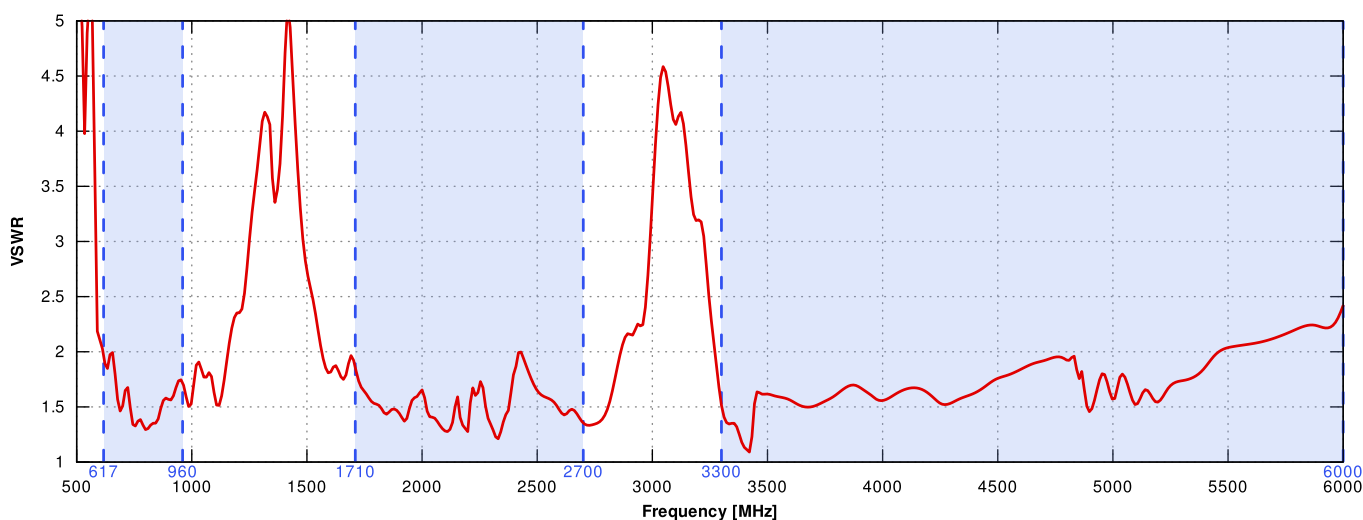
2400 MHz	7	38	41	53	69	n90	2700 MHz	
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## PLOTS

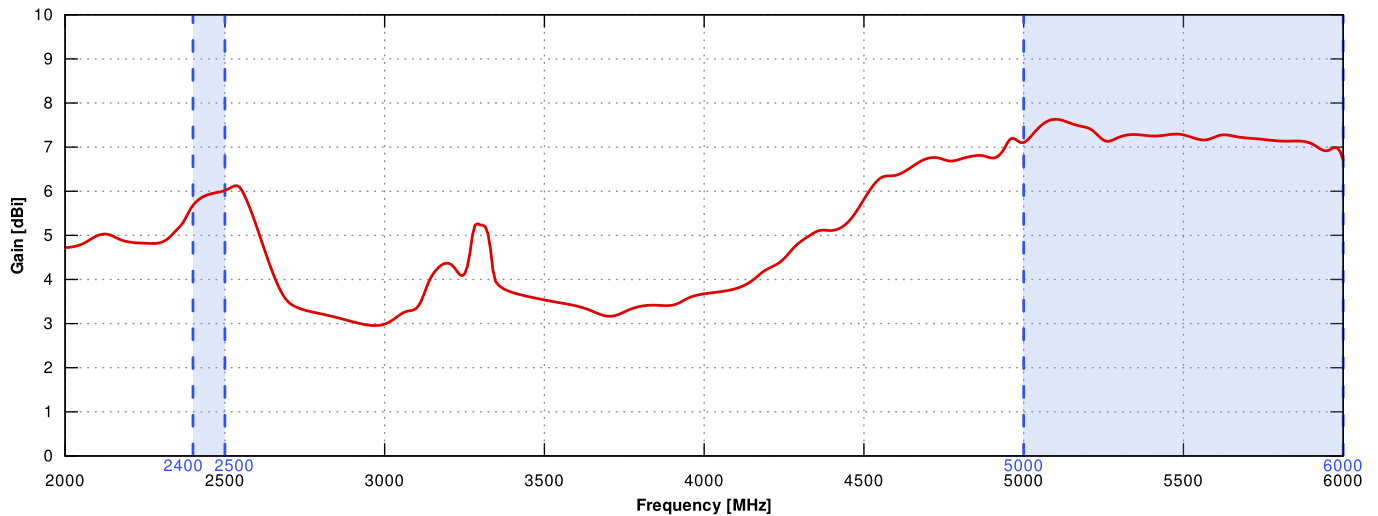
VSWR for Wi-Fi antenna



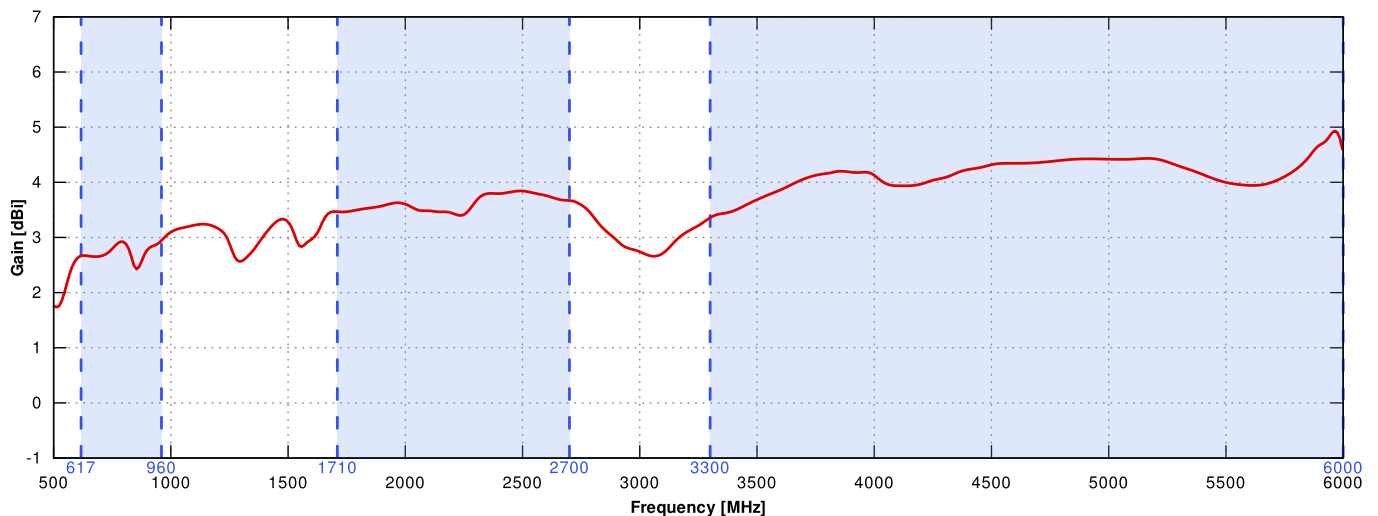
VSWR for LTE antenna



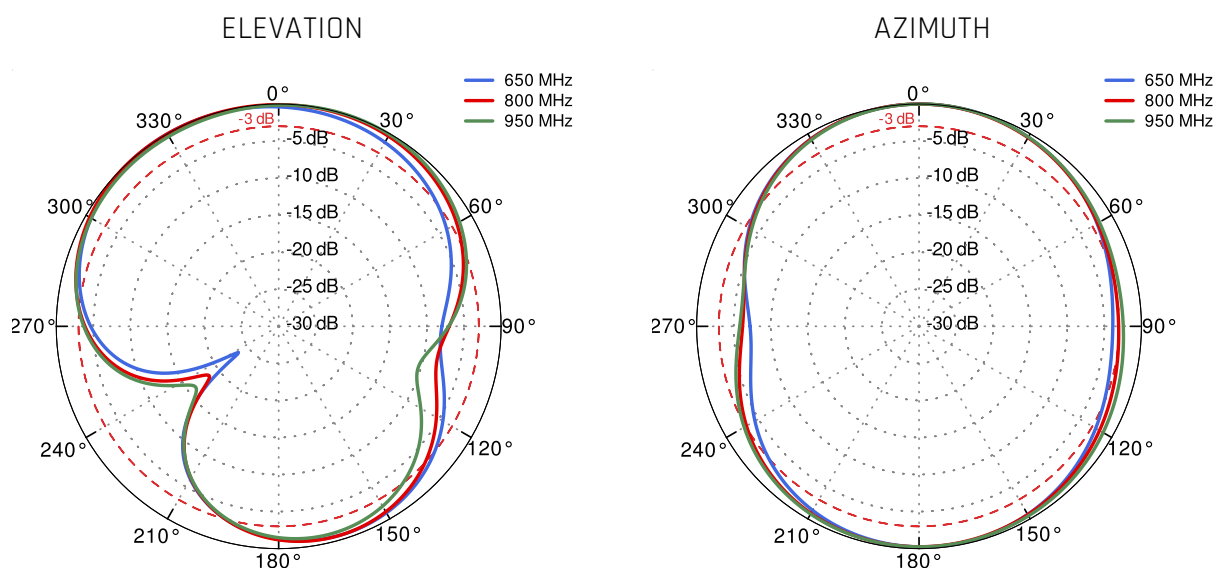
## Gain for Wi-Fi antenna



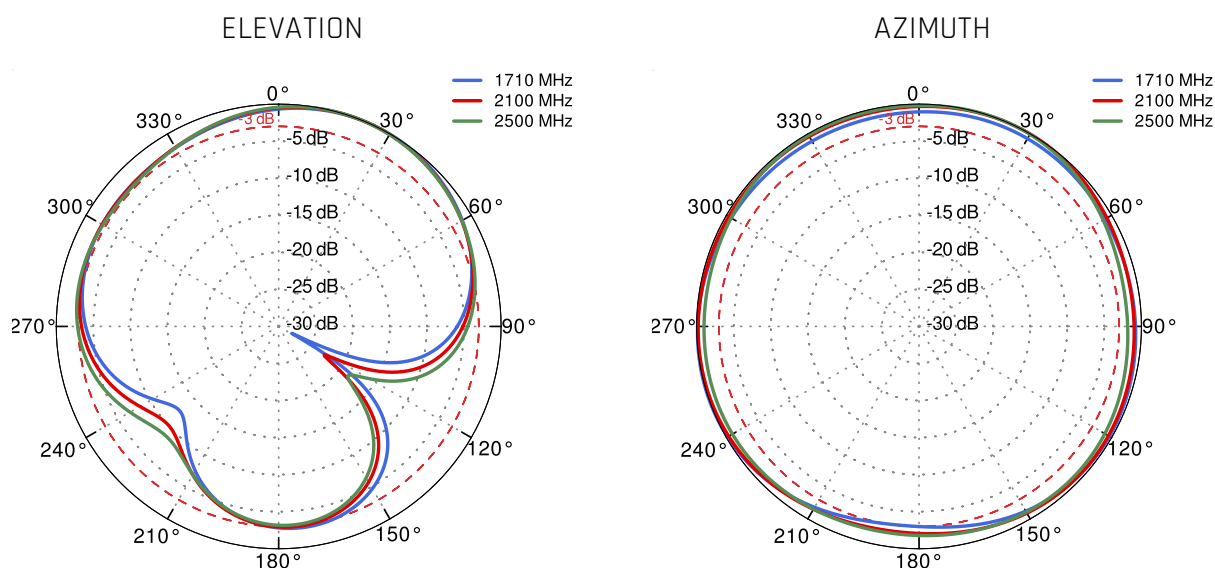
## Gain for LTE antenna



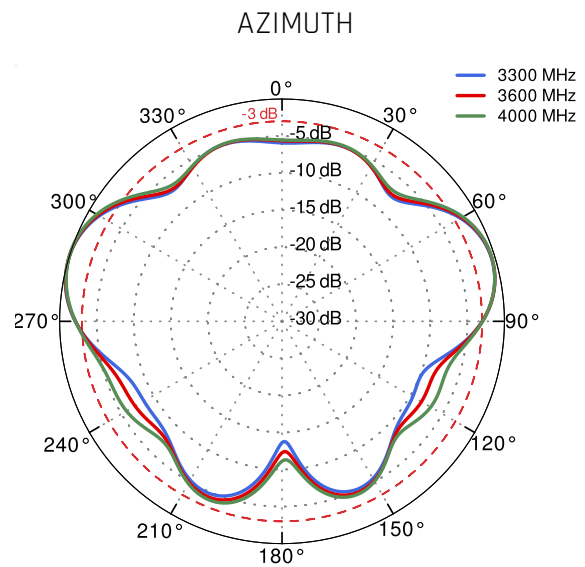
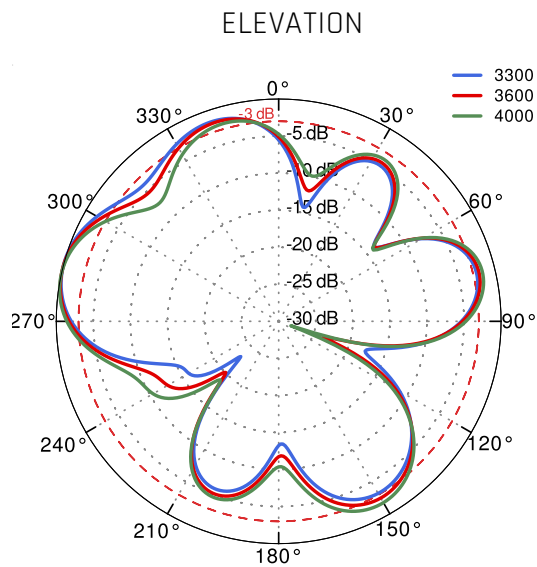
## LTE from 650MHz to 950MHz



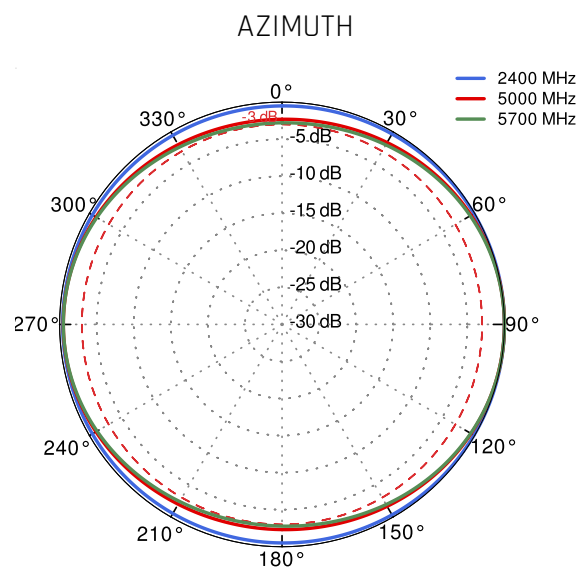
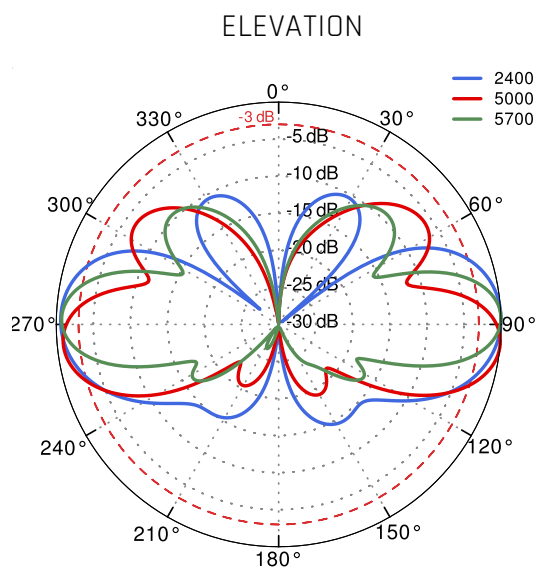
## LTE from 1.71GHz to 2.5GHz



## LTE from 3.3GHz to 4.0GHz



## Wi-Fi 2.4GHz and 5GHz





## DIMENSIONS

