

# QuSpot for Rajant Cardinal

## Integrated multi-band WiFi omni antenna + place to install Rajant Cardinal (All-in-one)

The QuSpot for Rajant Cardinal (AG1) is a rugged, all-in-one omnidirectional Wi-Fi antenna built for demanding industrial, automation, agriculture, and logistics environments.

This IP67-rated ABS enclosure protects an electronics compartment and houses high-gain (7dBi) Wi-Fi antennas with MIMO 4x4 capability, ensuring strong, reliable connectivity across diverse applications. Equipped with an RJ45 Ethernet port and flexible mounting options for poles, walls, or masts, the QuSpot is designed to withstand harsh outdoor conditions.

Its complete integrated design simplifies deployment, providing a reliable and efficient connectivity solution in demanding, high-performance settings.

**Wi Fi 6E****7 dBi****OMNI  
DIRECTIONAL****IP 68****-40° TO +80°**

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



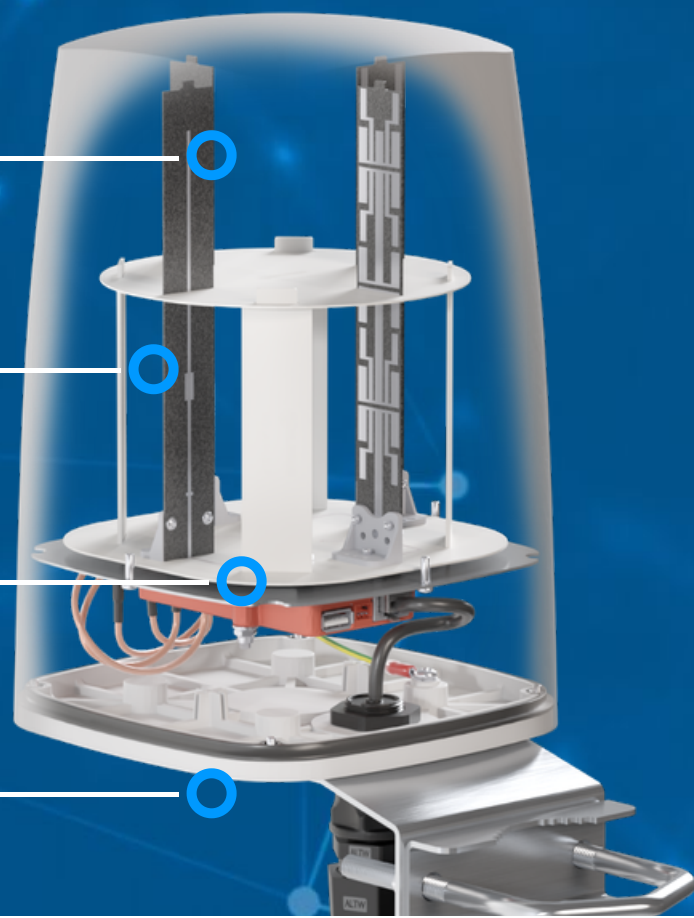
ANTENNA **PERFECTLY MATCHED** WITH  
THE ROUTER



WALL OR MAST MOUNTING SYSTEM



MADE IN **EUROPE**



## WI-FI ANTENNA SPECIFICATION

FREQUENCY	2.40 - 2.50 GHz 5.0 - 7.125 GHz
GAIN	2.40 - 2.50 GHz : 6 dBi 5.0 - 7.125 GHz : 7.5 dBi
VSWR	<1.70, max <2.00
BEAMWIDTH	360°/25° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 $\Omega$

## 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	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**

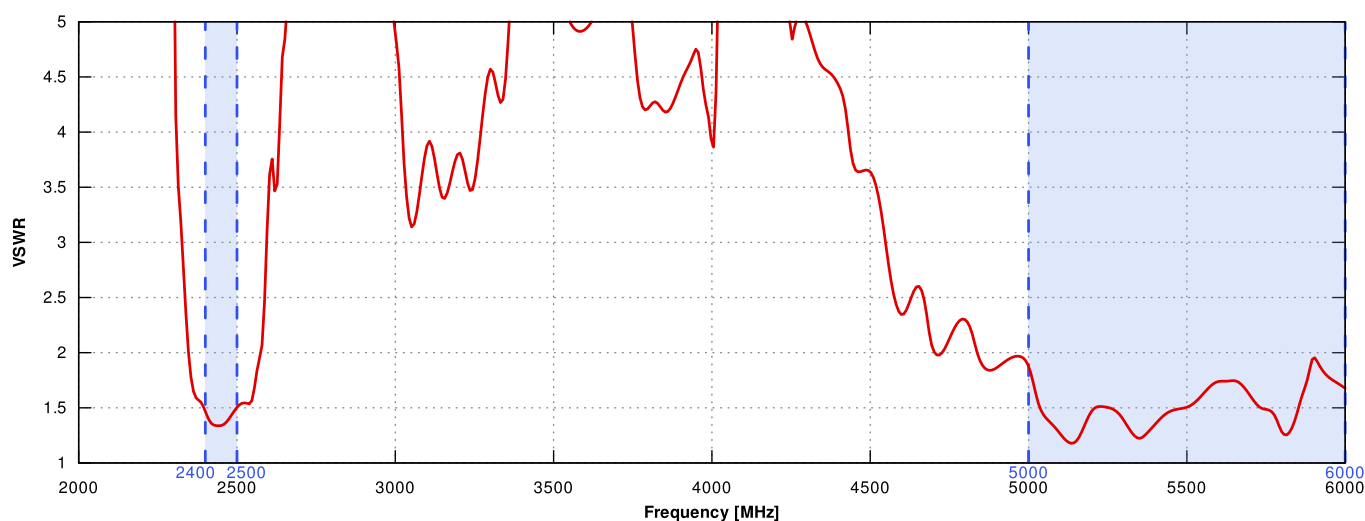
2300 MHz	30	40	n97					2400 MHz
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**LTE / 4G**

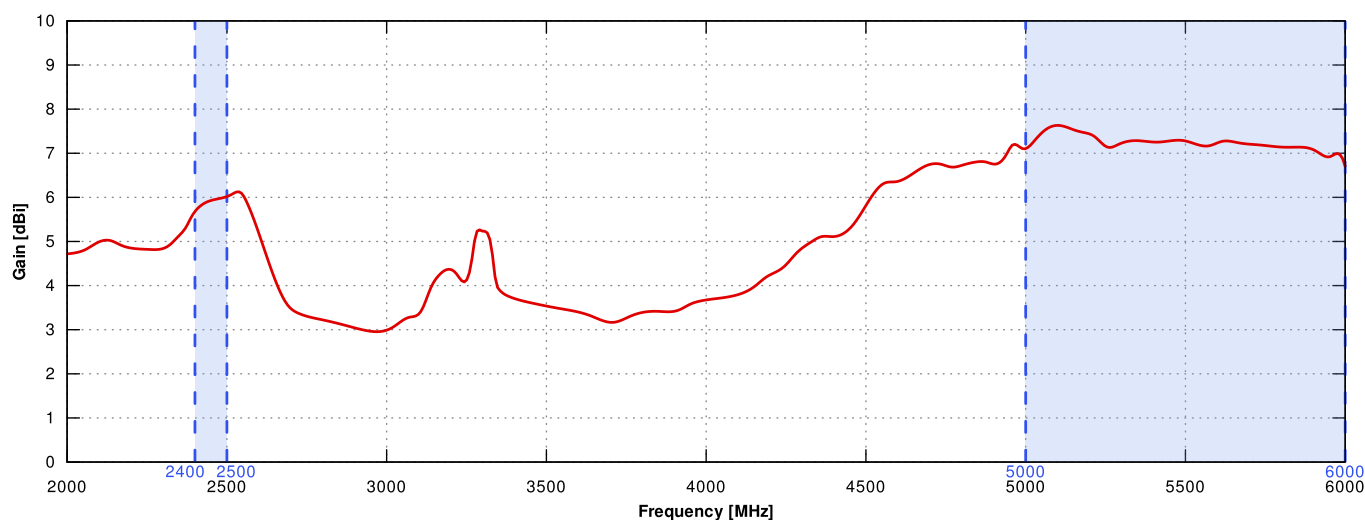
2400 MHz	7	38	41	53	69	n90		2700 MHz
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## PLOTS

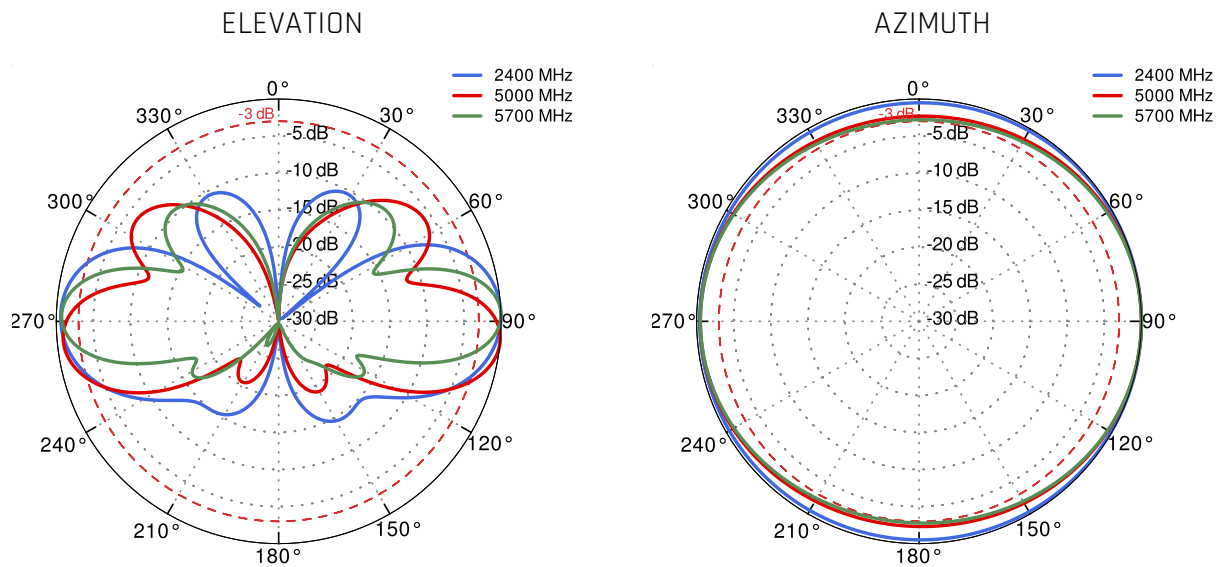
VSWR for Wi-Fi antenna



Gain for Wi-Fi antenna



Wi-Fi 2.4 GHz and 5 GHz and 6GHz



## DIMENSIONS

