

# QuCube 5G/LTE MIMO 2x2 + GPS

**INTEGRATED MULTI-BAND LTE & 5G OMNI ANTENNA + GPS ANTENNA + PLACE TO INSTALL ROUTERBOARD WITH MODEM**

**QuCube 2x2 Omnidirectional 5G Antenna** is an ultra-wideband outdoor solution designed for LTE/5G/3G/2G 2x2 modems. Covering 600-6000 MHz, including the new Extended LTE Band 71, it delivers reliable performance across multiple frequency bands. A dedicated internal space allows integration of custom electronics.

Engineered for **outdoor and mobile** applications, **QuCube** is ideal for use in transportation systems, for underground connectivity or urban and public installations. It ensures consistent performance wherever dependable connectivity is essential. The included bracket enables secure mounting on **poles or walls**. The antenna is equipped with **MHF4 connectors** (There is no specific order for 5G/LTE cable connection).



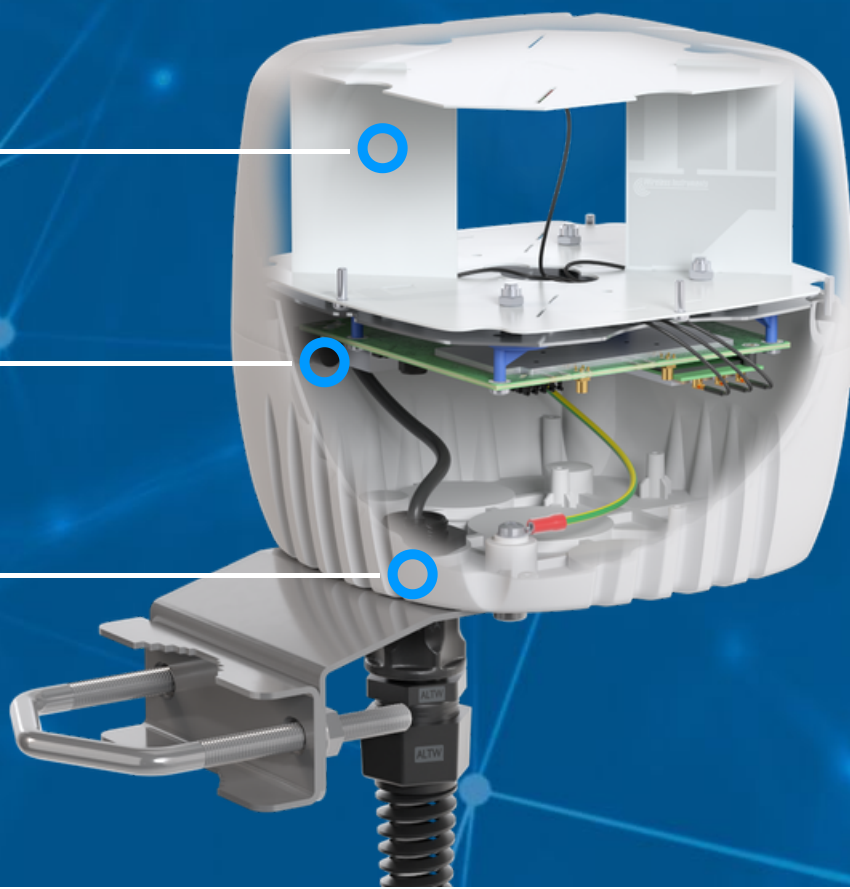
OUTDOOR ANTENNA WORKS IN **ANY WEATHER CONDITIONS**, IP68



**GALVANIZED STEEL**, WALL OR POLE MOUNTING BRACKET



MADE IN **EUROPE**



## 5G/LTE SPECIFICATION

<b>FREQUENCY</b>	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 6.0 GHz
<b>GAIN</b>	617 - 960 MHz : 2 dBi 1.7 - 2.7 GHz : 3 dBi 3.3 - 6.0 GHz : 4 dBi
<b>SUPPORTED LTE BANDS</b>	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, 46, 47, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, 106
<b>SUPPORTED 5G BANDS</b>	n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n46, n47, n48, n53, n65, n66, n67, n71, n77, n78, n79, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n100, n101, n256
<b>VSWR</b>	<1.20, max <2.50
<b>BEAMWIDTH</b>	360°/35° ±5°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω

## MECHANICAL SPECIFICATION

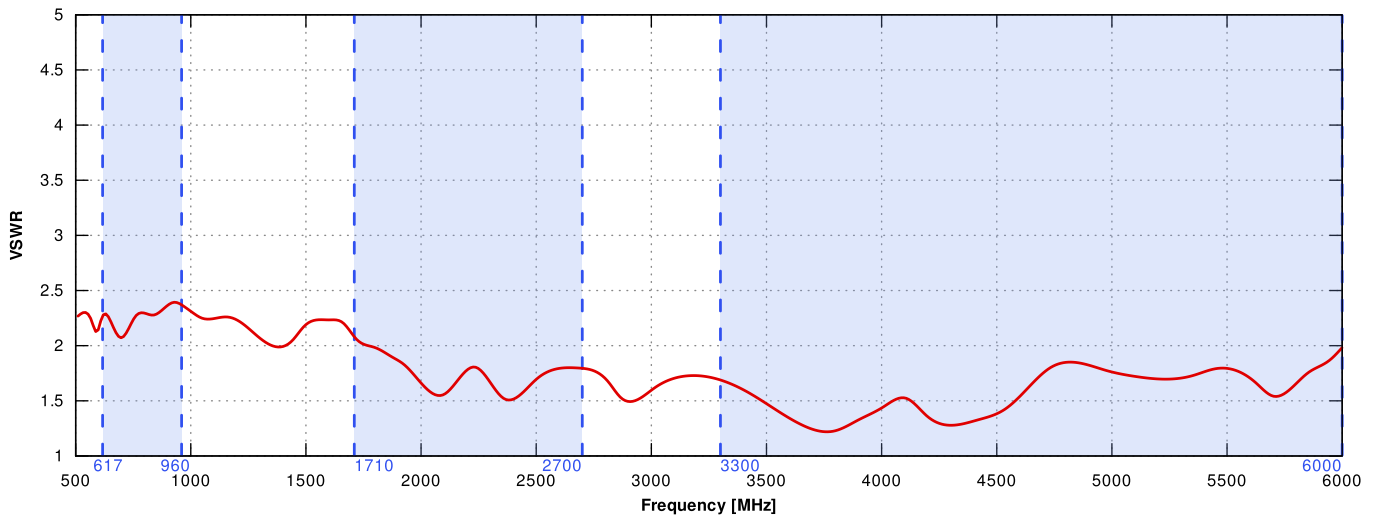
<b>MATERIAL</b>	ABS
<b>CONNECTOR</b>	MHF4
<b>OUTER DIMENSIONS</b>	160 x 160 x 155 mm 6.3 x 6.3 x 6.10 inch
<b>WEIGHT</b>	1.5 kg
<b>OPERATING TEMPERATURE</b>	-40°C to 80°C -40°F to 176°F
<b>INGRESS PROTECTION</b>	IP67 and IP68

## MOUNTING KIT

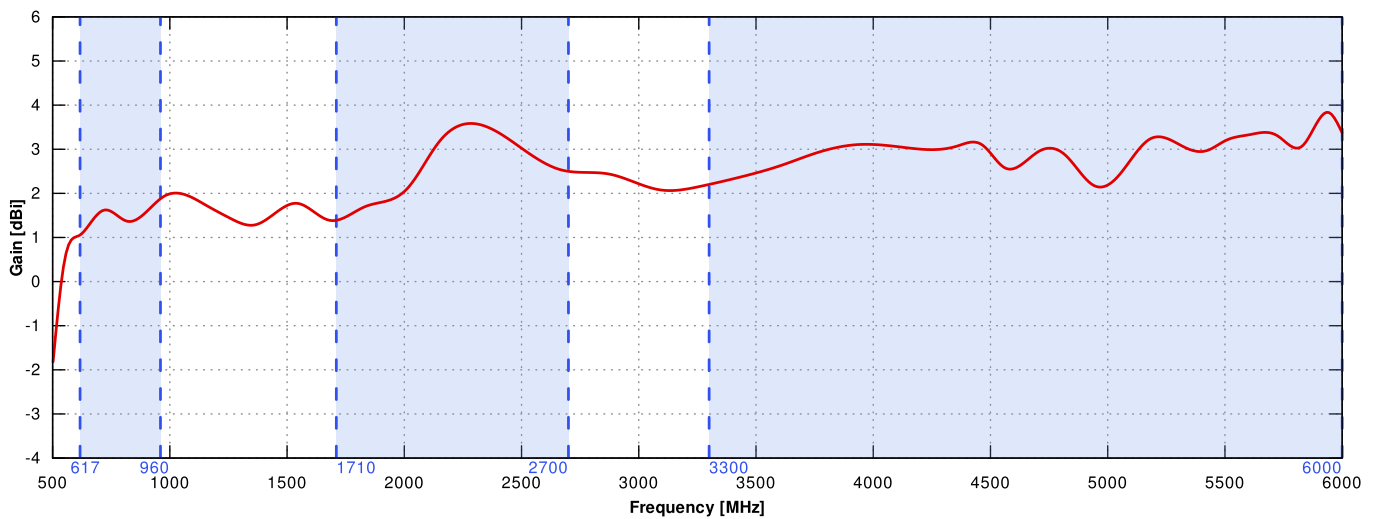
<b>MATERIAL</b>	Galvanized steel
<b>WEIGHT</b>	0.4kg
<b>MOUNTING PLACE</b>	Wall or mast
<b>MAST DIAMETER</b>	25-66 mm 0.98-2.60 inch

# PLOTS

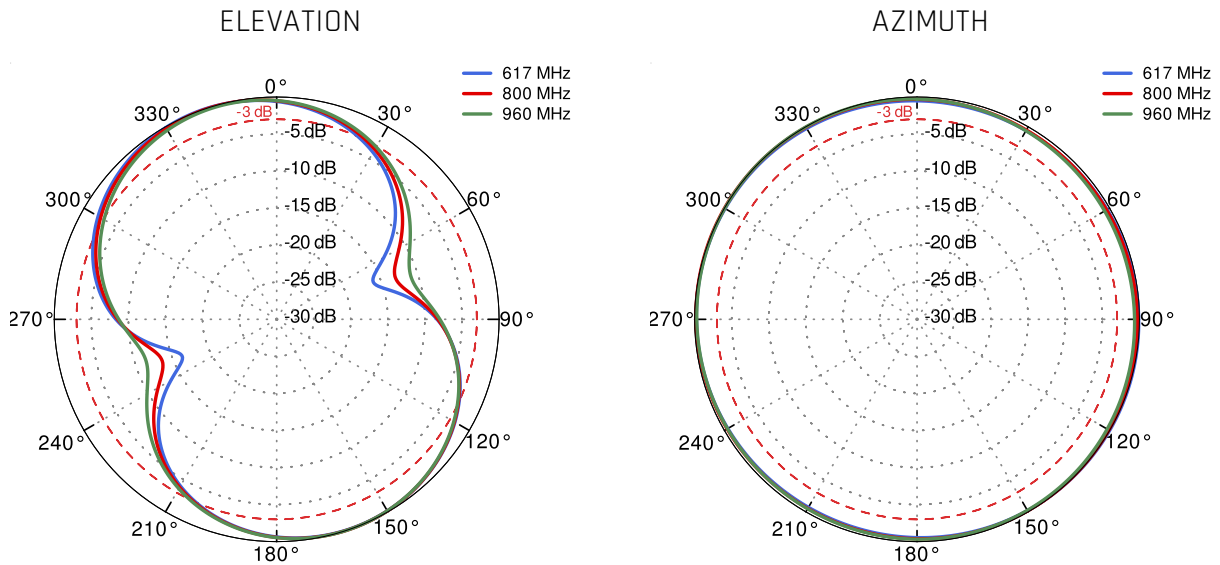
## 5G/LTE VSWR



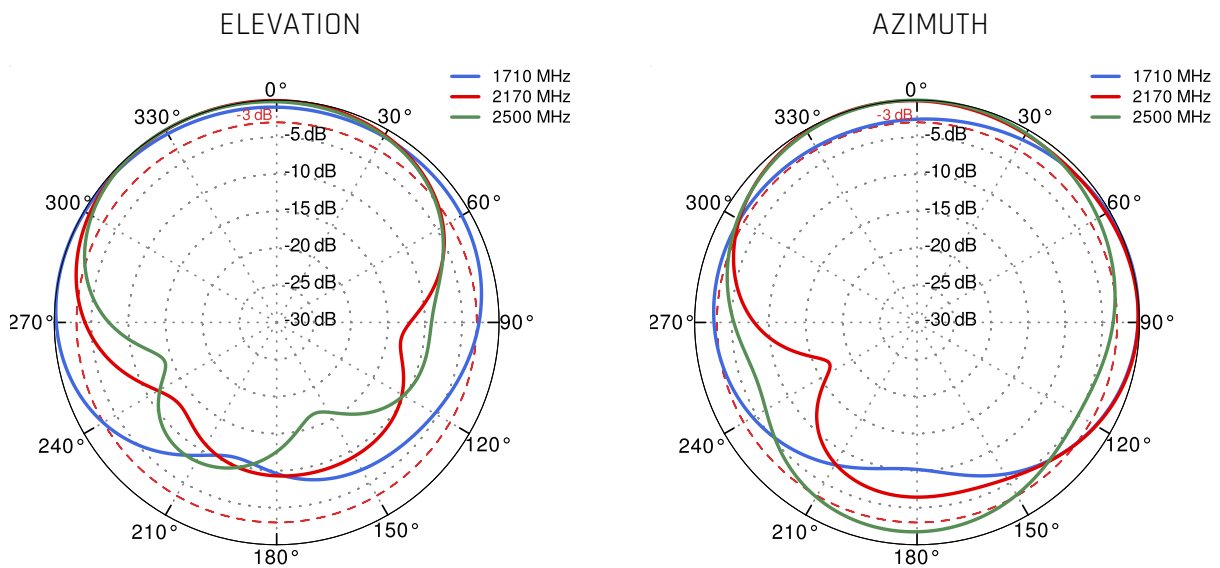
## 5G/LTE GAIN

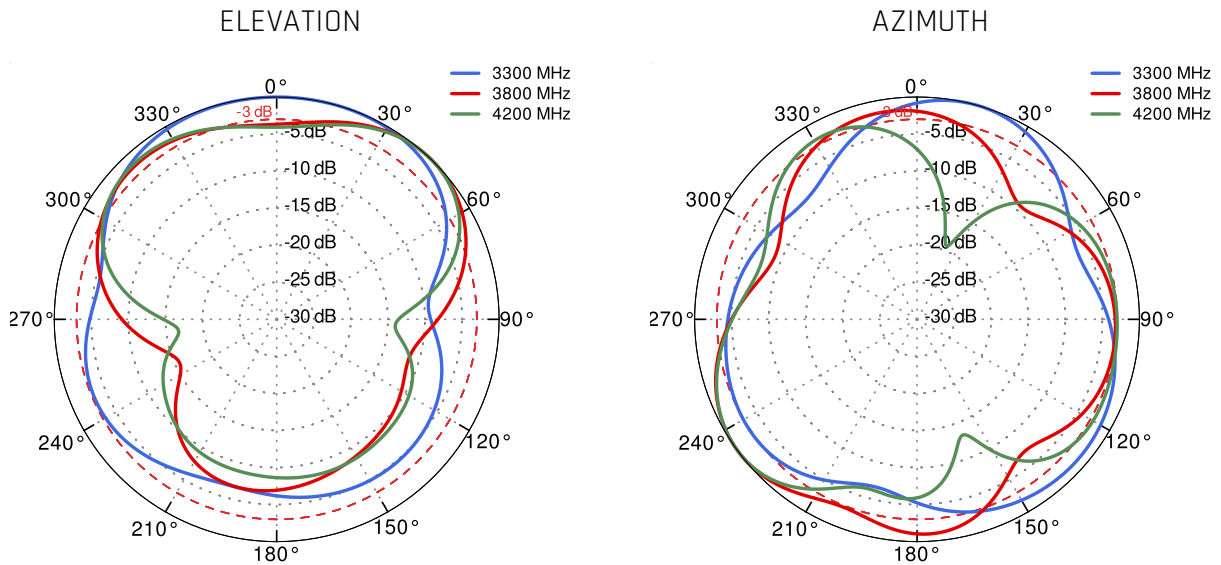
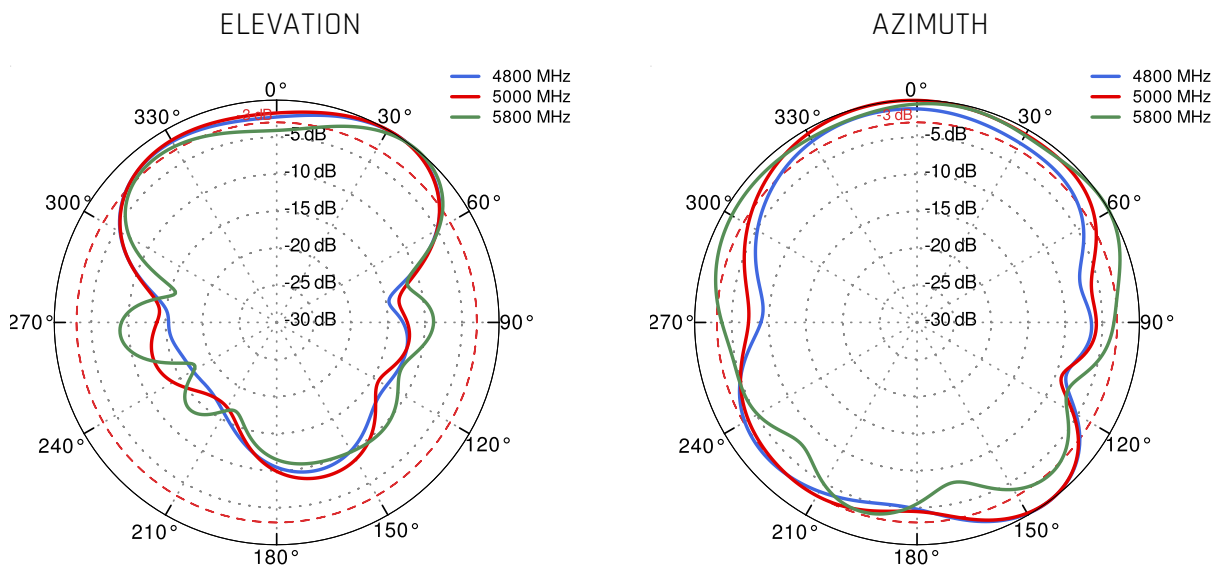


### 5G/LTE from 617MHz to 960MHz



### 5G/LTE from 1.71GHz to 2.7GHz



**5G/LTE from 3.3GHz to 4.2GHz**

**5G/LTE from 4.8GHz to 5.8GHz**


## DIMENSIONS

