

## Features

- 5G/LTE
- 4x4 MIMO
- 617 – 6000 MHz
- 4 dBi
- Omni Directional
- IP68
- -40°C to 80°C
- 5 meter cable

## RS PRO Multi-Band Antennas

### Antenna Omni

RS Stock No.: 434-533



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

## Product Description

### Omnidirectional ultra-wideband 5G/LTE MIMO 4x4 antenna

Antenna Omni 5G/LTE omnidirectional MIMO 4x4 is ultra-wideband LTE Outdoor antenna. It's primary designed for LTE/5G/3G/2G devices which require high efficiency connections. The antenna covers many LTE bands including the new Extended LTE Band 71, frequencies: 617 - 6000MHz. The mounting bracket allows the antenna to be installed on the buildings (on the pole or on the wall) as the client antenna or on the moving points like trains, buses, lorries, yachts, boats to receive Internet by LTE/5G/3G/2G. It's ideal solution to use with all industrial and domestic 4x4 LTE modems and routers like: Teltonika, DIGI, Mikrotik, Robustel, Cisco, etc.

## 5G / LTE SPECIFICATION

<b>FREQUENCY</b>	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.7 GHz 5.2 - 6.0 GHz
<b>GAIN</b>	617 - 960 MHz : 3 dBi 1.7 - 2.2 GHz : 4 dBi 3.3 - 4.7 GHz : 4.5 dBi 5.2 - 6.0 GHz : 2.5dBi
<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, 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, n47, n48, n53, n65, n66, n67, n71, n77, n78, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n100, n101, n256
<b>VSWR</b>	<1.80, max <2.00
<b>BEAMWIDTH</b>	360°/35° ±5°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω

## MECHANICAL SPECIFICATION

<b>MATERIALS</b>	ABS, aluminum, PTFE
<b>CONNECTOR TYPE</b>	4x SMA
<b>CABLE TYPE</b>	LMR195 white
<b>CABLE LENGTH</b>	5 m
<b>INGRESS PROTECTION</b>	IP68
<b>DIMENSIONS</b>	160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch
<b>WEIGHT</b>	1.5 kg 3.31 lbs
<b>OPERATING TEMPERATURE</b>	From -40°C to 80°C From -40°F to 176°F

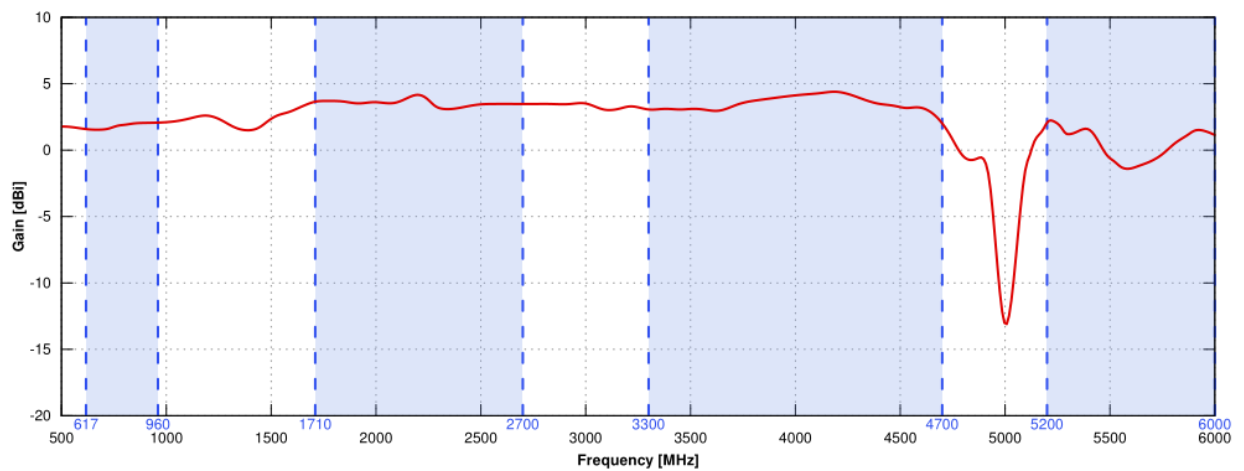
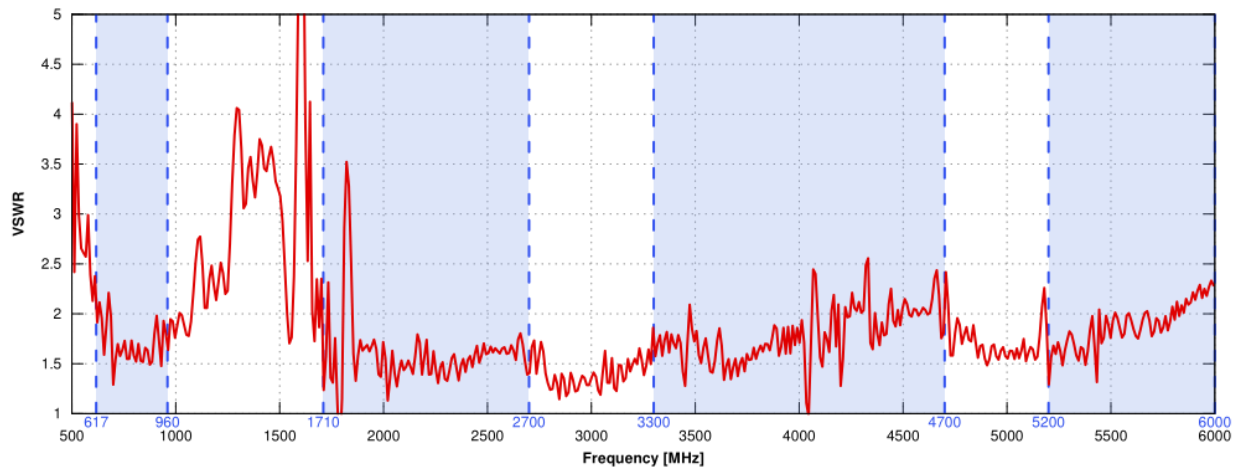
## MOUNTING KIT SPECIFICATION

<b>DIMENSIONS</b>	210 x 94 x 47 mm 8.26 x 3.7 x 1.85 inch
<b>MAST DIAMETER RANGE</b>	40-66 mm 1.57-2.60 inch
<b>MATERIAL</b>	Galvanized Steel
<b>WEIGHT</b>	0.411 kg
<b>MOUNTING PLACE</b>	Wall or mast or ceiling

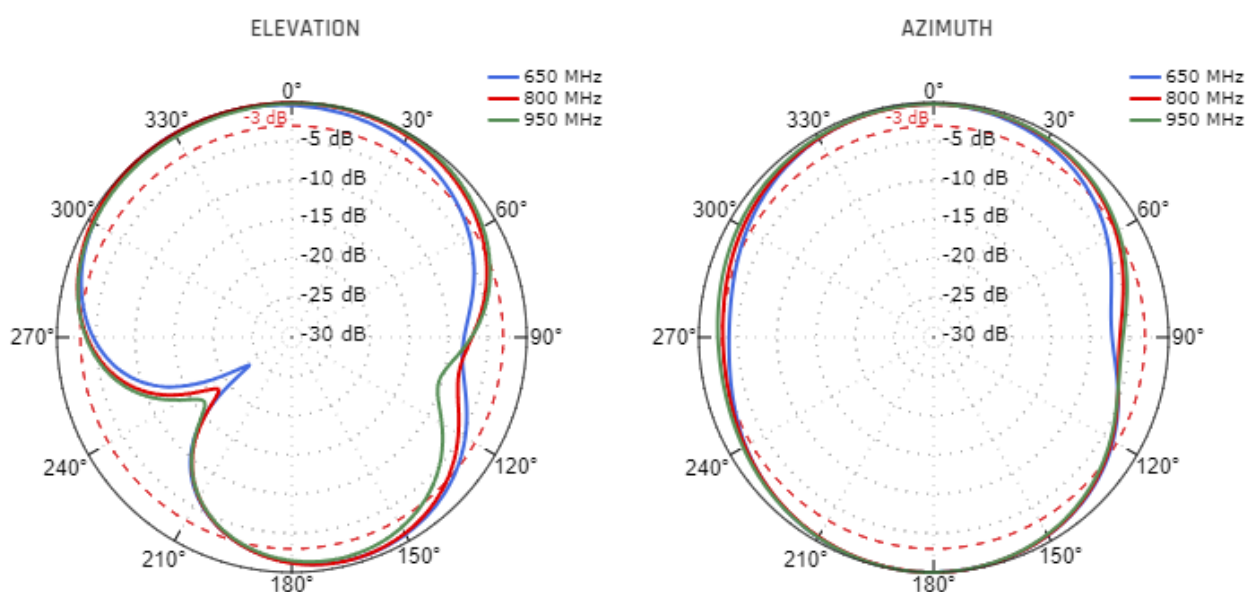
## DEVICE SPECIFICATION

<b>SPECIFICATION</b>	<p>Category: Passive Components</p> <p>Subcategory: Antennas</p> <p>Type: Multi-Band Antennas</p> <p>Brand: RS PRO</p> <p>Frequency Range: 694 – 6000 MHz</p> <p>RF Protocols: 5G, LTE</p> <p>Gain: 4 dBi</p> <p>Internal/External : External</p> <p>Atena Directivity: Omni-Directional, Omnidirectional</p> <p>Antenna Mounting type: Ceiling, Wall/Pole</p> <p>Mounting Type: Bracket Mount, Pole Mount, Pole Mount, Wall Mount</p> <p>Antena Physical Form: Panel, Square,</p>
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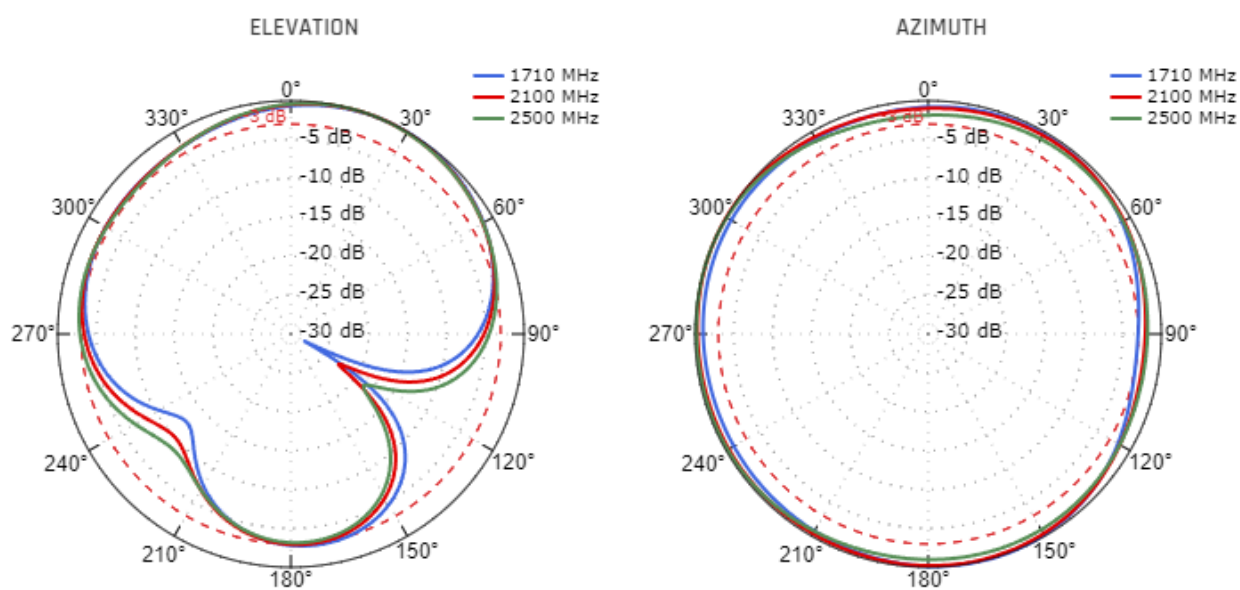
## 5G/LTE PLOTS



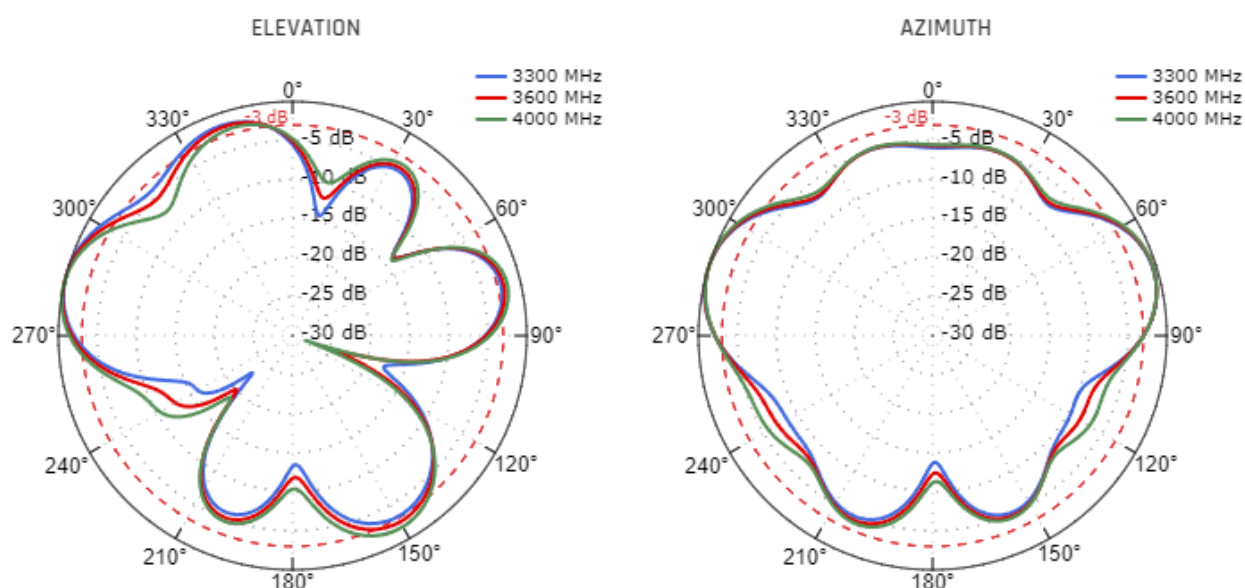
## LTE From 650MHz to 950MHz



## LTE From 1.71GHz to 2.5GHz



## LTE From 3.3GHz to 4.0GHz



## LTE From 4.5GHz to 5.5GHz

