

Features

- 5G/LTE
- 2x2 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.: 434-531



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 2x2 antenna

Antenna Omni 5G/LTE omnidirectional MIMO 2x2 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 2x2 LTE modems and routers like: Teltonika, DIGI, Mikrotik, Robustel, Cisco, etc.

5G / LTE SPECIFICATION

FREQUENCY	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 4.7 GHz 5.2 - 6.0 GHz
GAIN	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
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, 47, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, 106
SUPPORTED 5G BANDS	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
VSWR	<1.80, max <2.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE
CONNECTOR TYPE	2x SMA
CABLE TYPE	LMR195 white
CABLE LENGTH	5 m
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

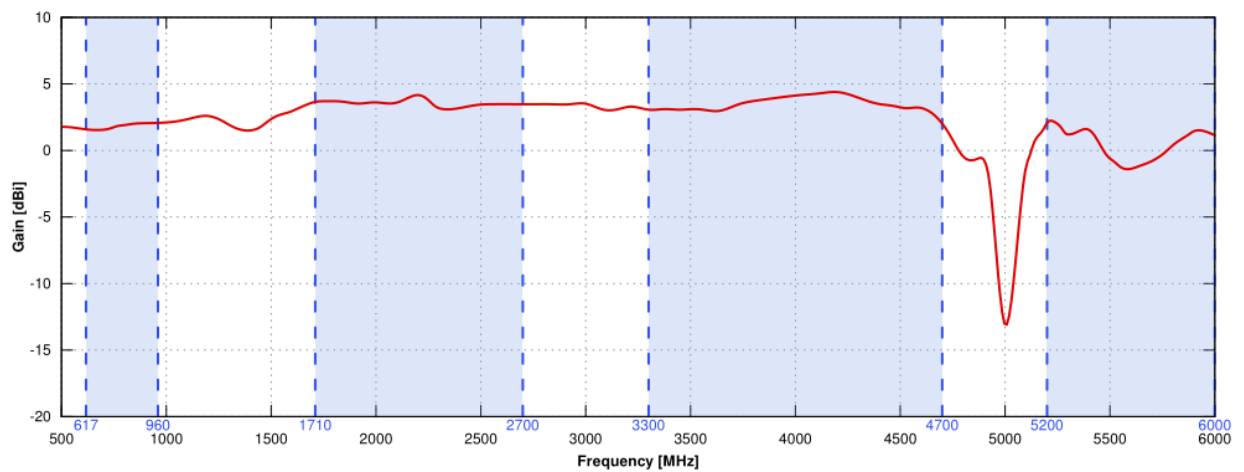
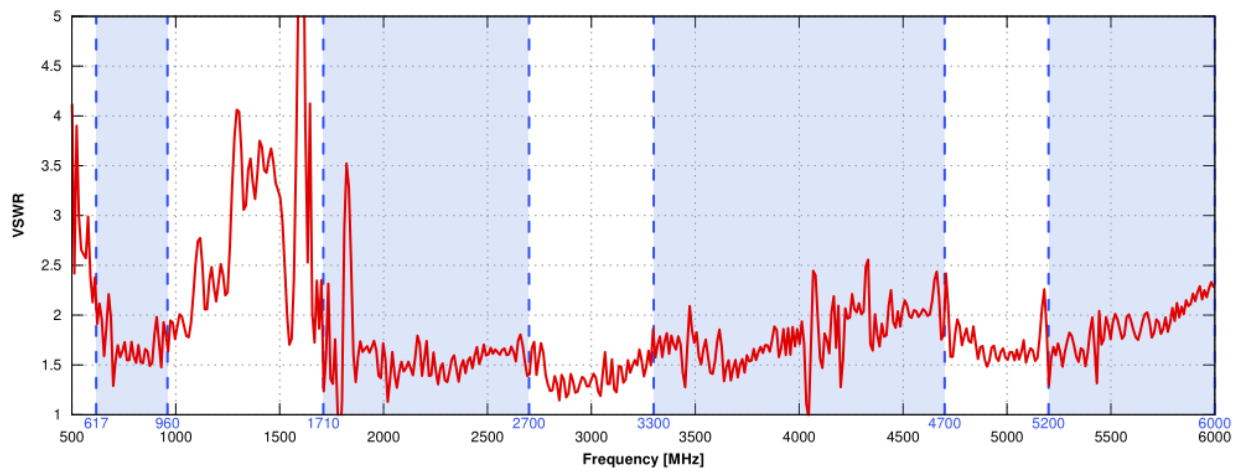
MOUNTING KIT SPECIFICATION

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

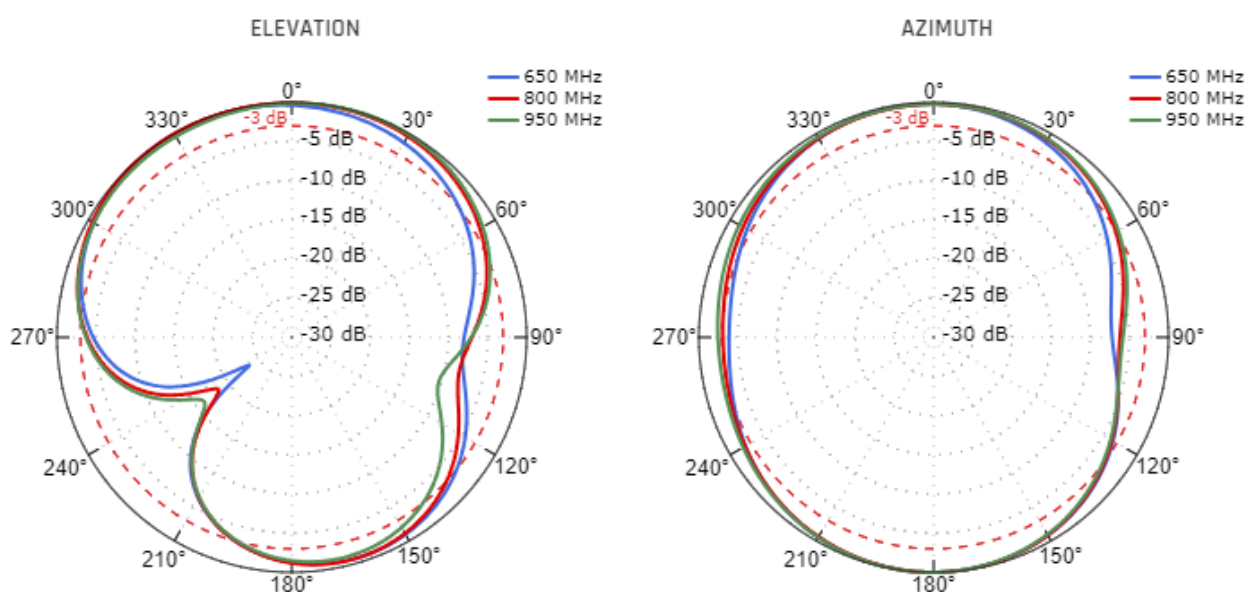
DEVICE SPECIFICATION

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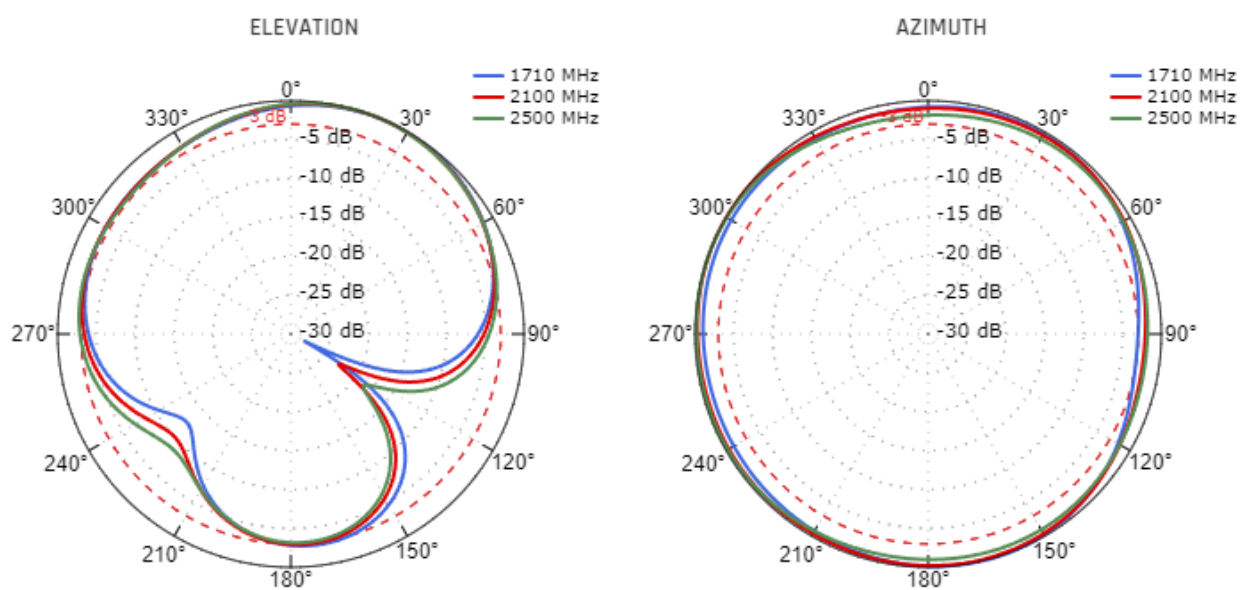
5G/LTE PLOTS



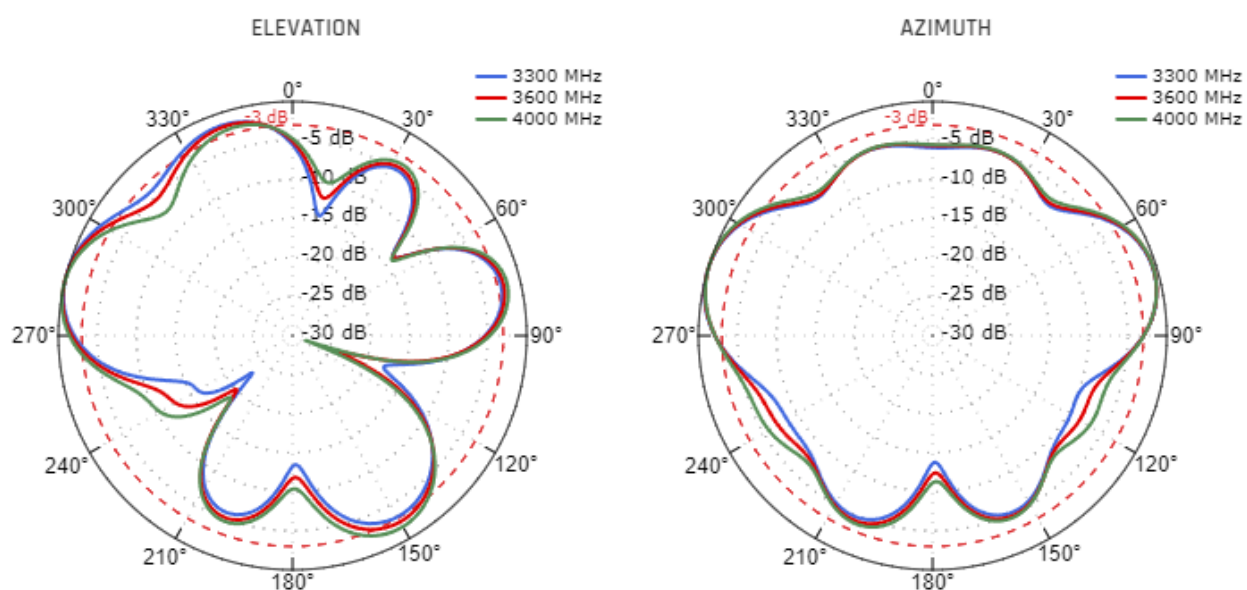
LTE From 650MHz to 950MHz



LTE From 1.71GHz to 2.5GHz



LTE From 3.3GHz to 4.0GHz



LTE From 4.5GHz to 5.5GHz

