

Features

- 5G/LTE
- 2x2 MIMO
- 71 Bands
- 617 – 6000 MHz
- 4 dBi
- Wi-Fi 6E
- Omni Directional
- IP68
- -40°C to 80°C

RS PRO Multi-Band Antennas

Antenna Omni for RS PRO 2768463

RS Stock No.: 0434528



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.

INTEGRATED MULTI-BAND 5G OMNI ANTENNA + WI-FI 6E OMNI ANTENNA + POE SPLITTER + PLACE TO INSTALL RS PRO 2768463 (ALL-IN-ONE)

Omni all-in-one antenna for **RS PRO 2768463** is a perfect outdoor device for mobile and fixed installations like industrial, CCTV, hotspots, yachts, boats, campers, RV etc. It has embedded omni 5G and omni Wi-Fi 6E antenna. You get an integrated complete solution with embedded router and multi band antennas in one enclosure.

The set contains a Passive PoE splitter, allowing you to split data and power from a single Ethernet cable and maintain gigabit transfer speeds while protecting the LAN port from damage caused by overvoltage, short circuit or improper connection.

Wi-Fi 6E support!

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

WI-FI SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5.0 - 7.2 GHz
GAIN	2.4 - 2.5 GHz: 6dBi 5 GHz: 7.5dBi 7 GHz: 7.5dBi
VSWR	< 1.50, max < 2.00
BEAMWIDTH	360°/25°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

MECHANICAL SPECIFICATION

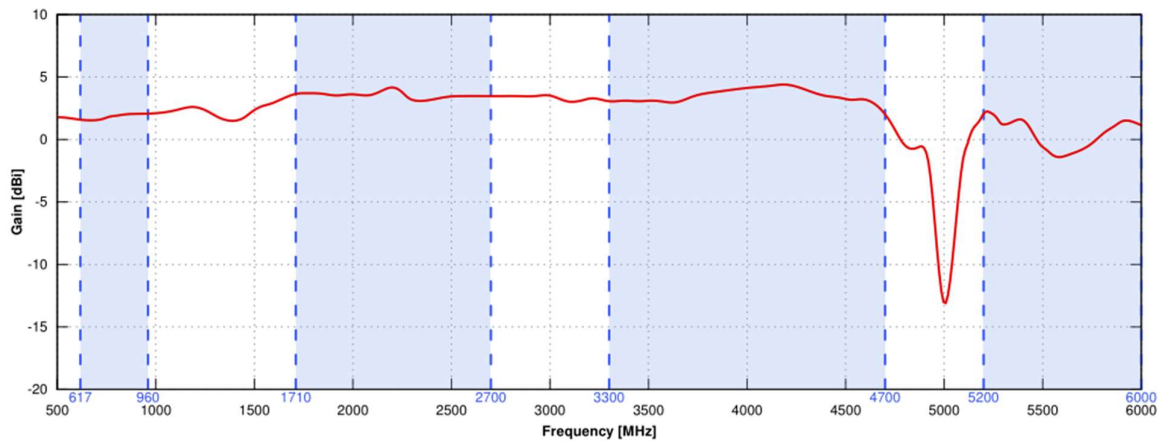
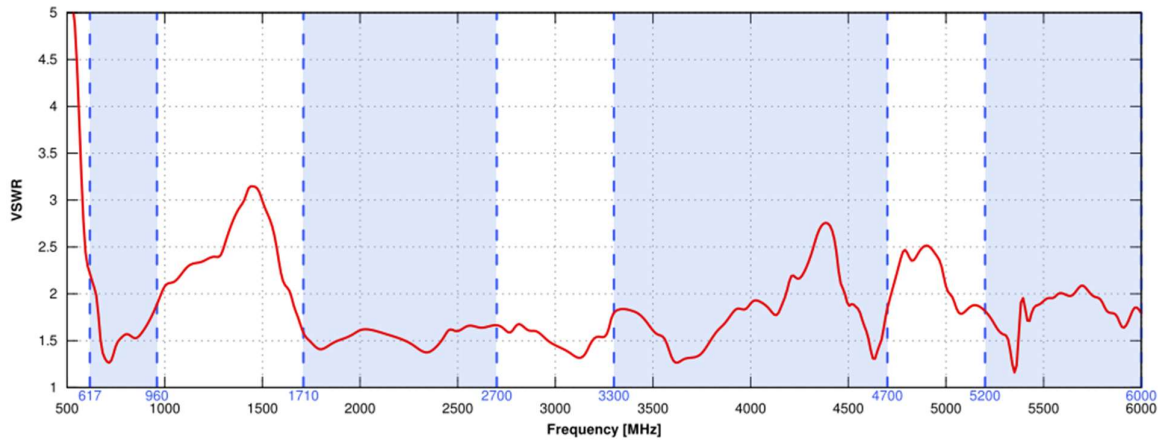
MATERIALS	ABS, aluminum, PTFE
CONNECTOR TYPE	RJ45
INGRESS PROTECTION	IP68
DIMENSIONS	160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch
WEIGHT	1.5 kg 3.31 lbs
OPERATING TEMPERATURE	From -40°C to 80°C From -40°F to 176°F

MOUNTING KIT SPECIFICATION

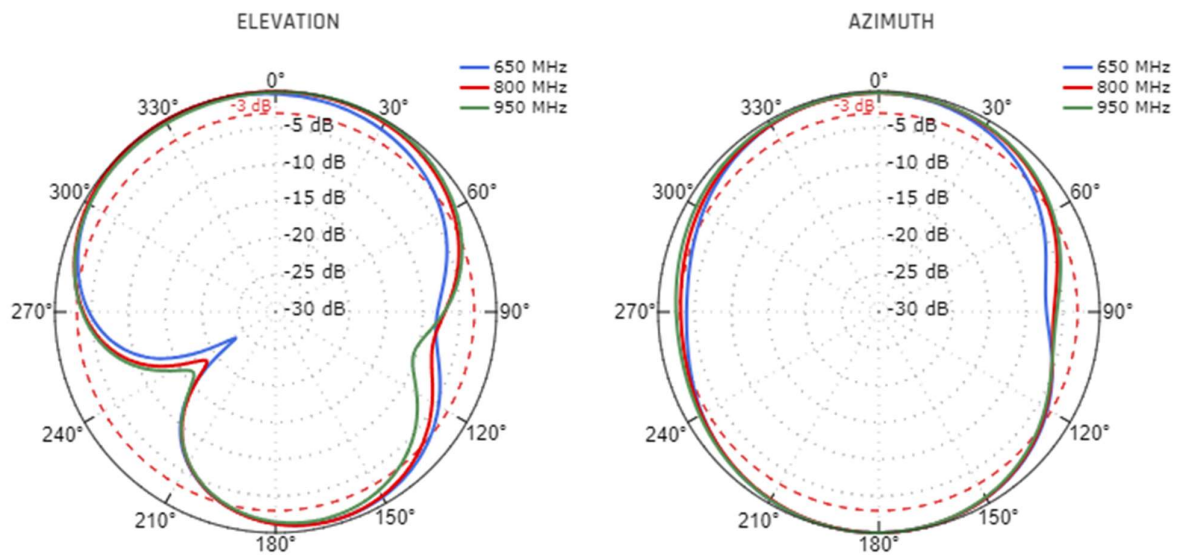
DIMENSIONS	210 x 94 x 47 mm 8.26 x 3.7 x 1.85 inch
MAST DIAMETER RANGE	40-66 mm 1.57-2.60 inch
MATERIAL	Galvanized Steel
WEIGHT	0.411 kg
MOUNTING PLACE	Wall or mast or ceiling

DEVICE SPECIFICATION

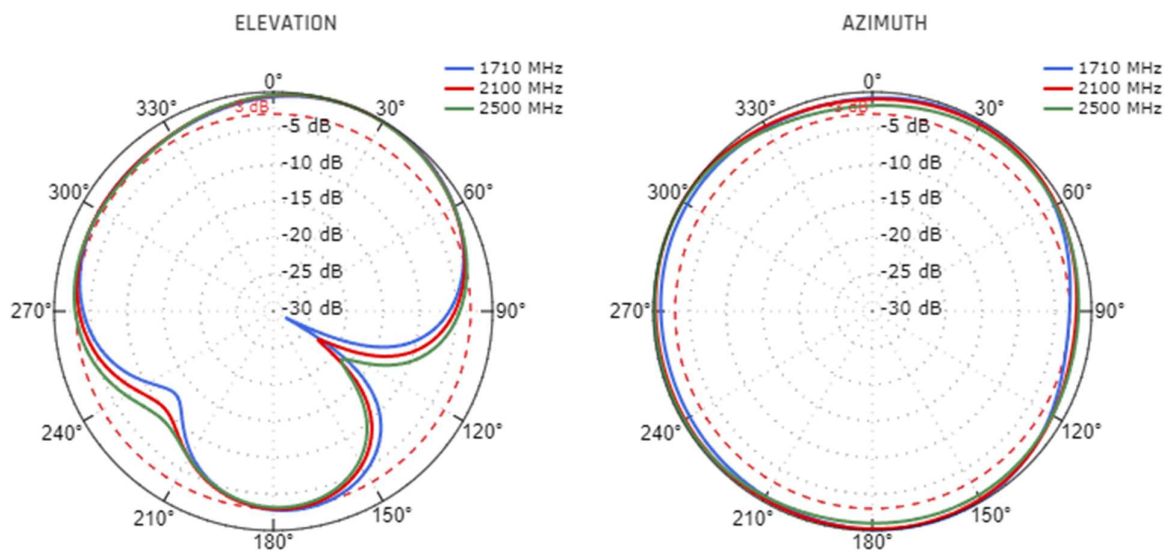
SPECIFICATION	<p>Category: Passive Components Subcategory: Antennas Type: Multi-Band Antennas, WiFi Antennas Brand: RS PRO Frequency Range: 617 – 6000 MHz Gain: 4 dBi RF Protocols: 5G, LTE, WiFi6 E Internal/External : External Antena Directivity: Omni-Directional, Omnidirectional Antenna Mounting type: Ceiling, Wall/Pole Antenna Mounting type: Ceiling, Wall/Pole Mounting Type: Bracket Mount, Pole Mount, Pole Mount, Wall Mount Antena Physical Form: Baton/Stick, Dome, Panel, Puck, Stubby</p>
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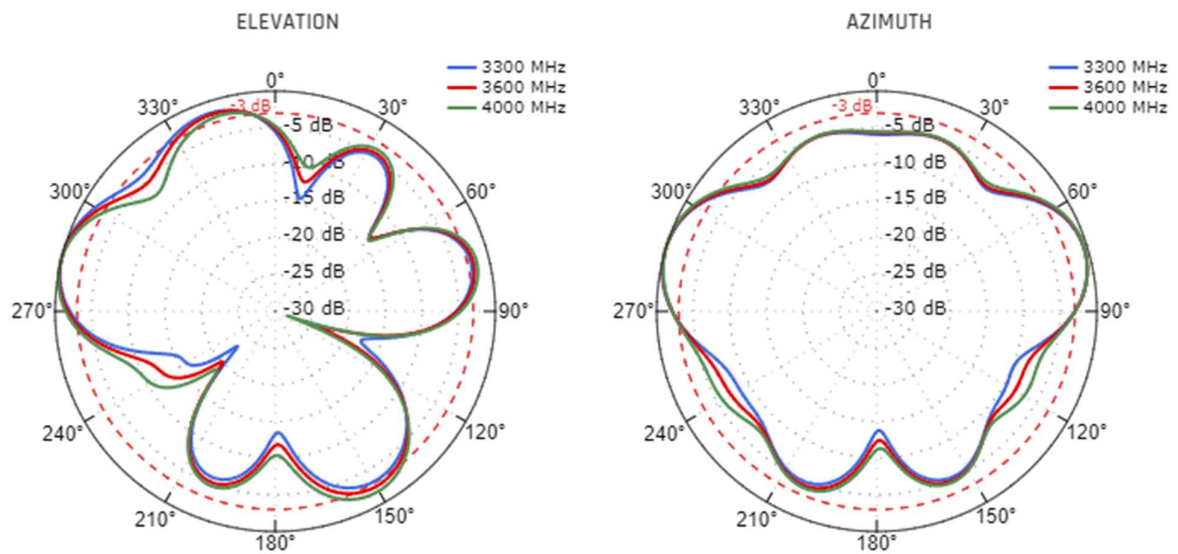
LTE From 650MHz to 950MHz



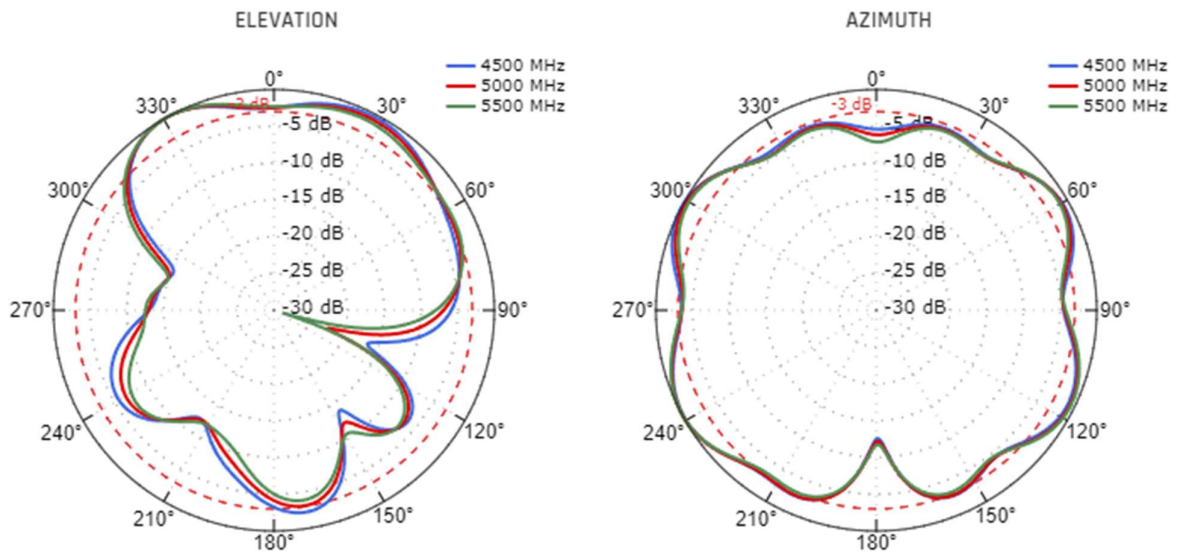
LTE From 1.71GHz to 2.5GHz



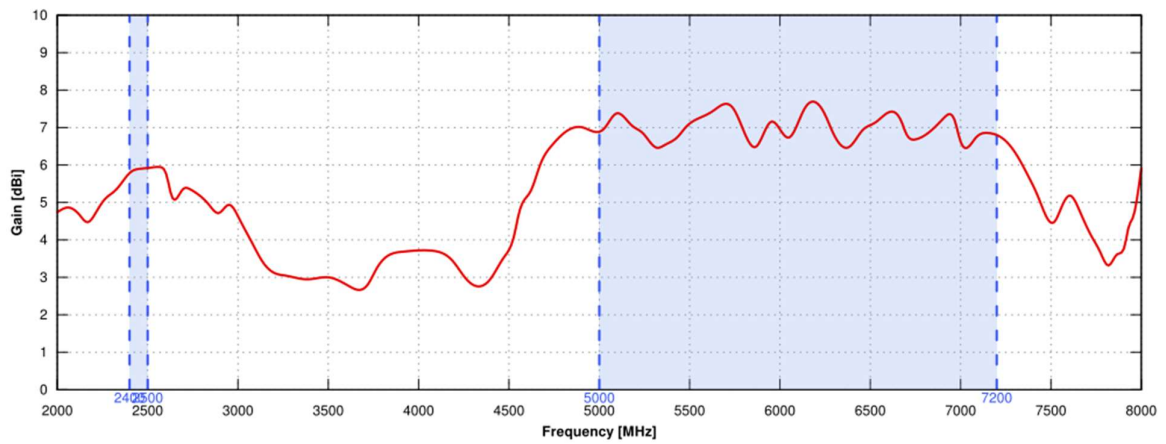
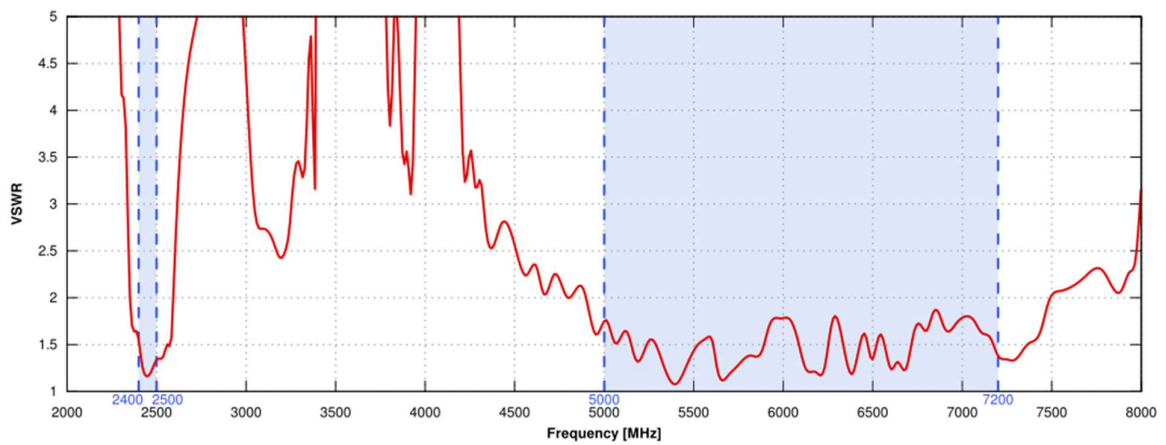
LTE From 3.3GHz to 4.0GHz



LTE From 4.5GHz to 5.5GHz



WI-FI PLOTS



Wi-Fi From 2.4 GHz to 6.5 GHz

