

Features

- 5G / LTE
- WiFi 6E
- GPS
- 694-6000 Mhz
- 7dBi
- Omni Directional
- IP67
- -40°C to 75°C

RS PRO Multi-Band Antennas

Antenna Directional for RS PRO 2768465

RS Stock No.: 0434522



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

INTEGRATED MULTI-BAND 5G OMNI ANTENNA + WIFI OMNI ANTENNA + BLUETOOTH ANTENNA + GPS ANTENNA + PLACE TO INSTALL RS PRO 2768465 (ALL-IN-ONE)

Omni all-in-one antenna for **RS PRO 2768465** router is a perfect outdoor device for mobile and fixed installations like industrial, public, CCTV, hotspots, yachts, boats, campers, RV etc.

It has embedded omni 4*5G, 2*Wi-Fi and GPS 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 - 2.7 GHz : 4 dBi 3.3 - 4.7 GHz : 4.5 dBi 5.2 - 6.0 : 2.5 dBi
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: 6 dBi 5.0 - 6.0 GHz: 7.5 dBi
VSWR	<1.70, max <2.00
BEAMWIDTH	360°/25° +/- 5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

MECHANICAL SPECIFICATION

MATERIALS	BS, aluminum, PTFE, Fiberglass
CONNECTOR TYPE	RJ45
INGRESS PROTECTION	IP67
DIMENSIONS	272 x 276 x 96 mm 10.71 x 10.87 x 3.78 inch
WEIGHT	1.8 kg 3.97 lbs
OPERATING TEMPERATURE	From -40°C to 75°C From -40°F to 167°F

MOUNTING KIT SPECIFICATION

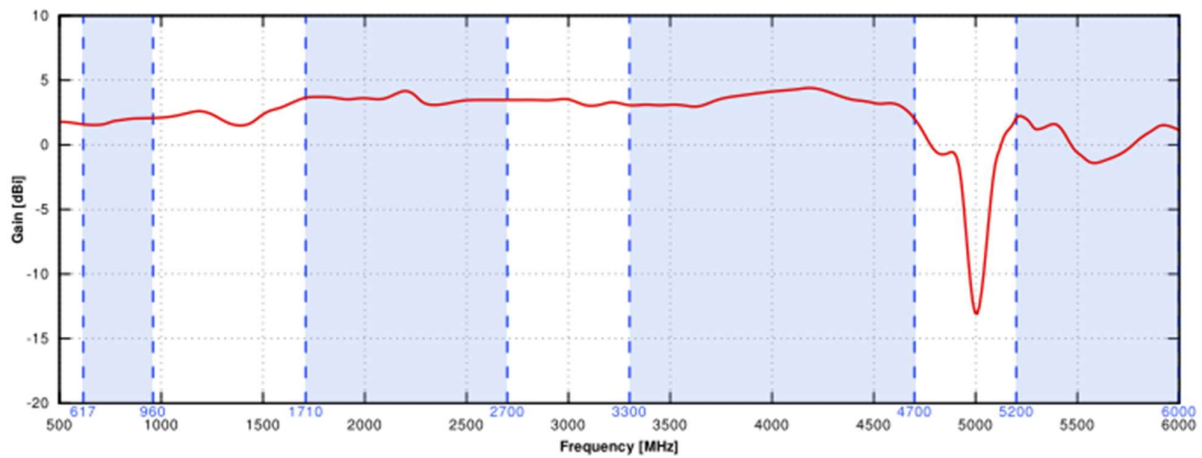
DIMENSIONS	9.9 x 10.5 x 14.8 cm 3.9 x 4.13 x 5.83 inch
REGULATION RANGE	+/- 30°
MAST DIAMETER RANGE	25 - 60mm 0.98-2.36 inch
MATERIAL	Polyamide with fiberglass + galvanized steel U-Bolts
WEIGHT	0.87kg
MOUNTING PLACE	Wall or mast or ceiling

DEVICE SPECIFICATION

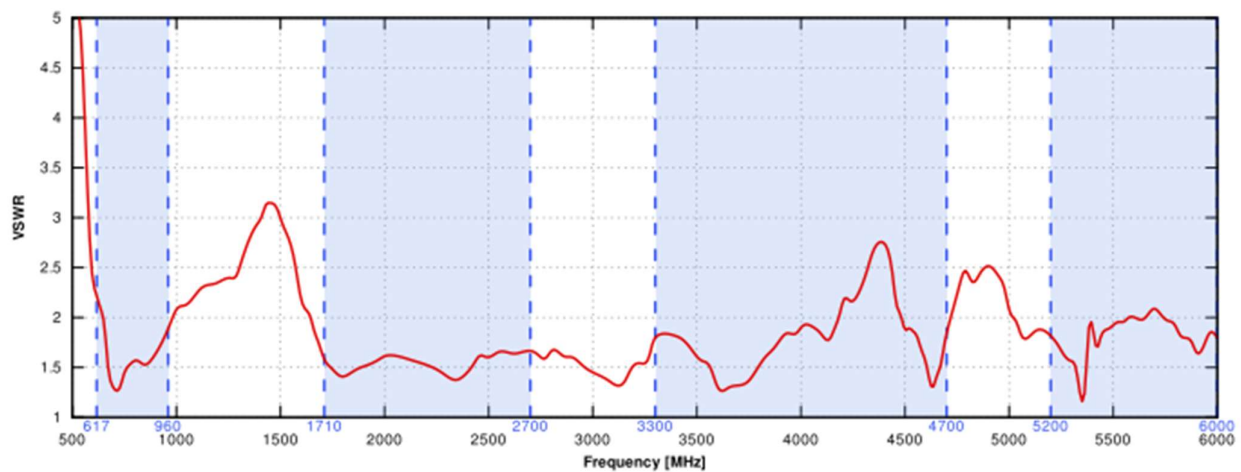
SPECIFICATION	<p>Category: Passive Components Subcategory: Antennas Type: Multi-Band Antennas, WiFi Antennas, GPS antenna Brand: RS PRO Frequency Range: 694 – 6000 MHz RF Protocols: 5G, LTE, WiFi6 E Gain: 7 dBi Internal/External : External Antena Directivity: Omni-Directional, Omnidirectional Antenna Mounting type: Ceiling, Wall/Pole Mounting Type: Bracket Mount, Pole Mount, Pole Mount, Wall Mount Antena Physical Form: Panel, Square,</p>
----------------------	---

5G/LTE PLOTS

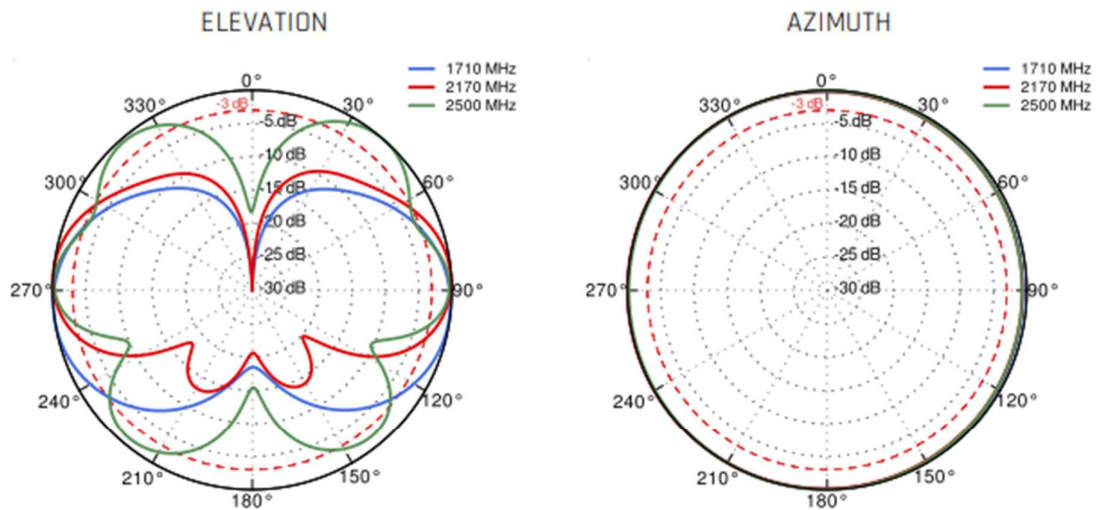
5G/LTE Gain



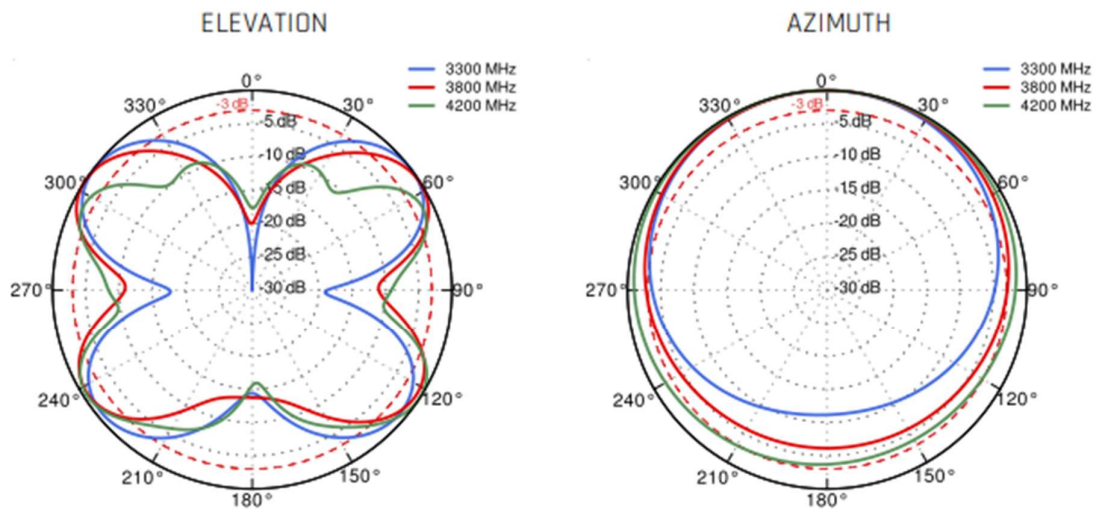
5G/LTE VSWR



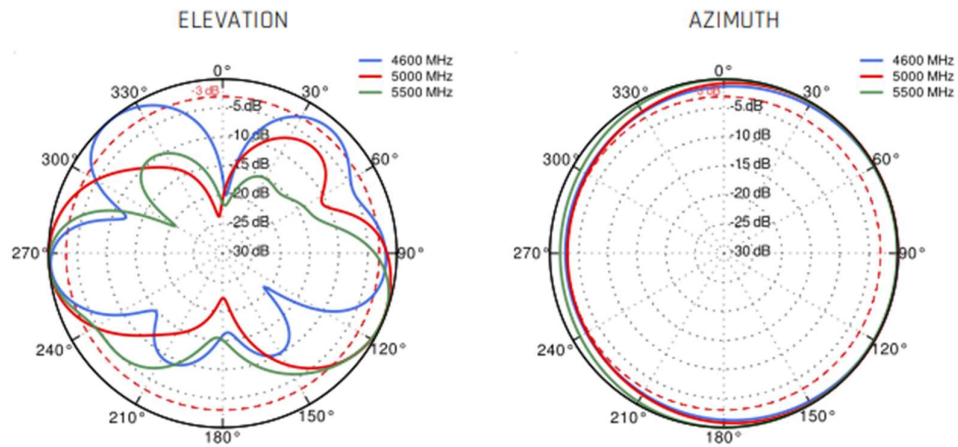
5G/LTE from 1.71GHz to 2.5GHz



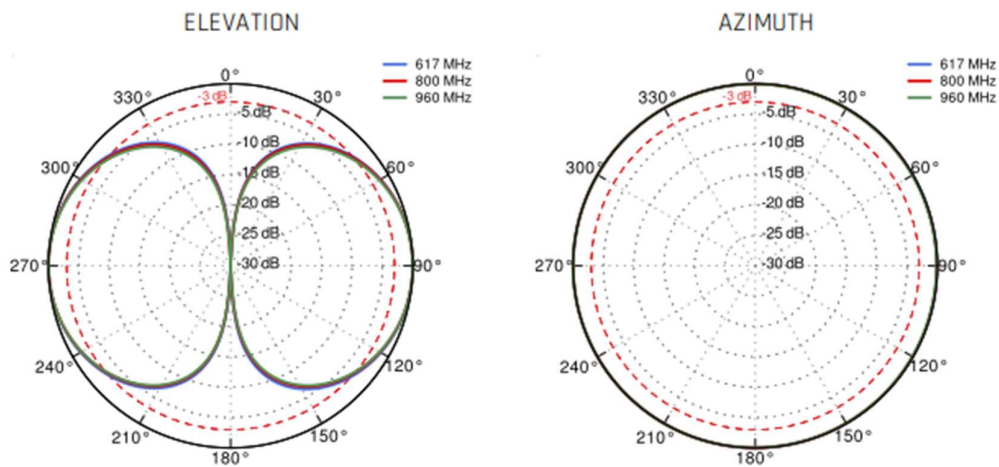
5G/LTE from 3.3GHz to 4.2GHz



5G/LTE from 4.6GHz to 5.5GHz

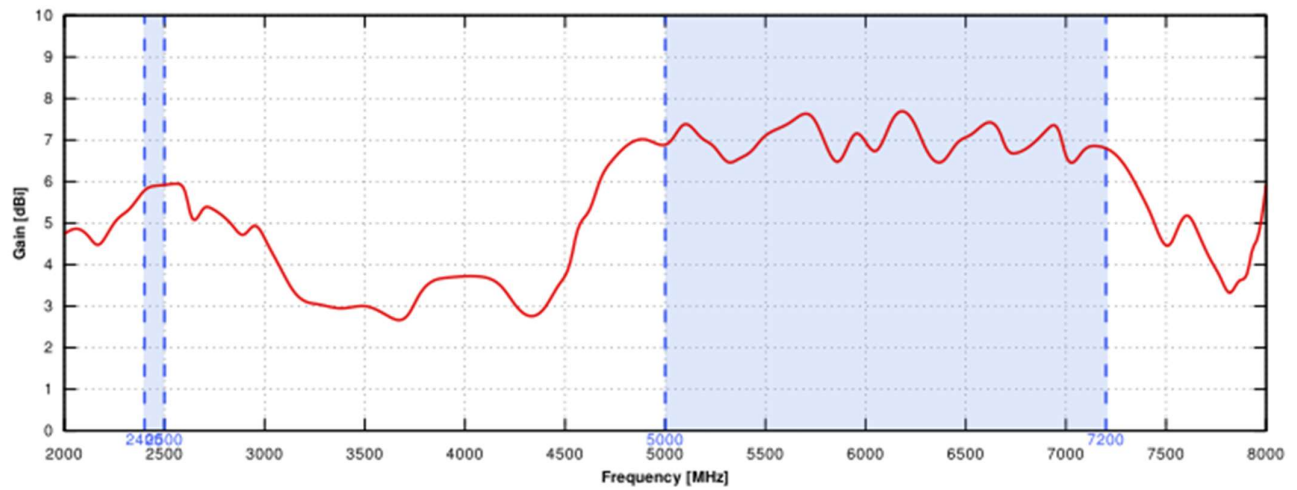


5G/LTE from 617MHz to 950MHz



WI-FI PLOTS

Wi-Fi Gain



Wi-Fi 2.4GHz and 5GHz and 6GHz

