



THORBR1

Thunder Series

Integrated 5G Omnidirectional Antenna
for Peplink MAX BR1 Mini 5G

- Integrated Wideband 5G & Wi-Fi® Omnidirectional MIMO Antenna
- Cavity To Install Peplink Max BR1 Mini 5G Router
- Robust IP67 Rated Enclosure

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Ireland & USA
ISO 9001:2015
Certified



Taiwan
ISO 9001:2015
Certified



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Thunder Series THORBR1

Integrated WIDEBAND 5G/4G Omnidirectional Antenna for Peplink MAX BR1 Mini 5G

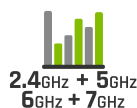
INTEGRATED WIDEBAND 5G OMNI ANTENNA + WI-FI OMNI ANTENNA + PLACE TO INSTALL PEPLINK MAX BR1 MINI 5G (ALL-IN-ONE)

The Taoglas **THORBR1** is an omnidirectional all-in-one antenna for Peplink MAX BR1 Mini 5G routers is a perfect outdoor device for mobile and fixed installations like industrial, public, CCTV, hotspots, yachts, boats, campers, and RVs. It has embedded omnidirectional 5G and Wi-Fi® antennas. If you use a Peplink MAX BR1 Mini 5G router with a THORBR1 Thunder omnidirectional antenna enclosure, you get a complete integrated solution with embedded router and multi-band antennas in one enclosure.

5G



Wi Fi
DUALBAND
2.4GHz
5GHz



OMNI
DIRECTIONAL

IP 67

-40° TO +75°



OUTDOOR ANTENNA WORKS IN
ANY WEATHER CONDITIONS, IP67



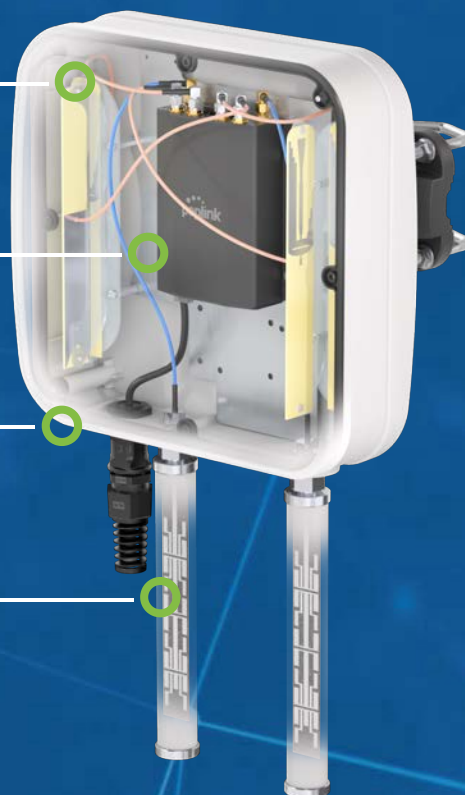
ANTENNA PERFECTLY MATCHED
WITH THE PEPLINK MAX BR1 MINI 5G



ALL ANTENNAS AND PEPLINK
ROUTER INTEGRATED IN ONE
ENCLOSURE



MADE IN EUROPE





5G/4G ANTENNA 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	50Ω



WI-FI SPECIFICATION

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

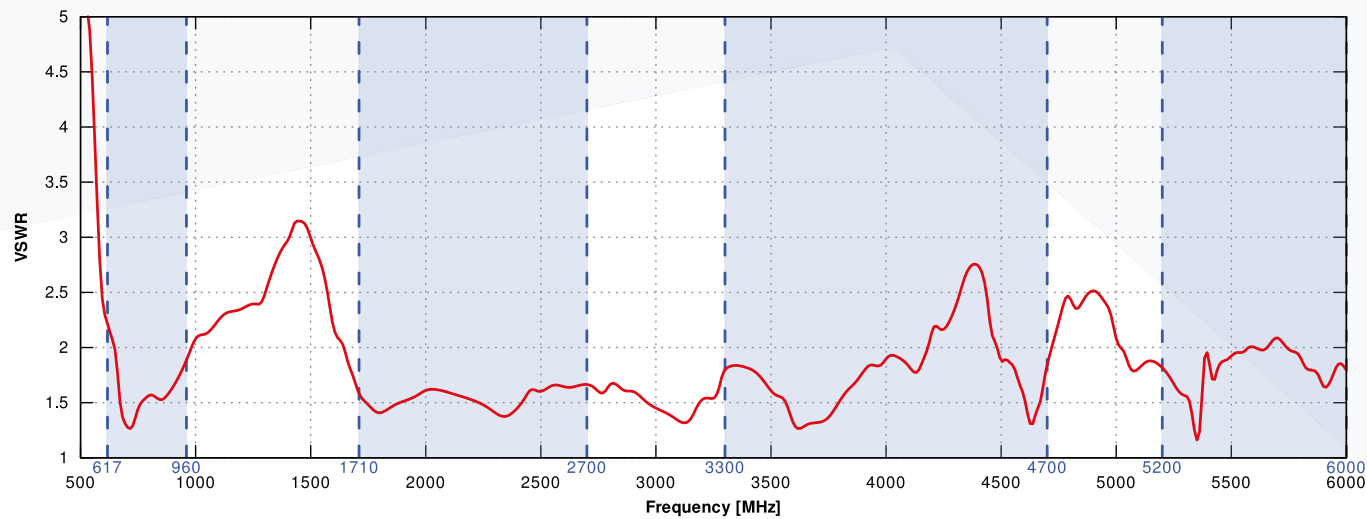
MECHANICAL SPECIFICATION

MATERIAL	ABS, aluminum, PTFE, Fiberglass
INGRESS PROTECTION	IP67
CONNECTOR TYPE	RJ45
DIMENSIONS	272 x 276 x 96 mm 10.71 x 10.87 x 3.73 inch
WEIGHT	1.8 kg 3.97 lbs
OPERATING TEMPERATURE	From -40°C to 75°C From -40°F to 167°F
ENCLOSURE RECOMMENDED TIGHTENING TORQUE	0,6 - 0,8 Nm

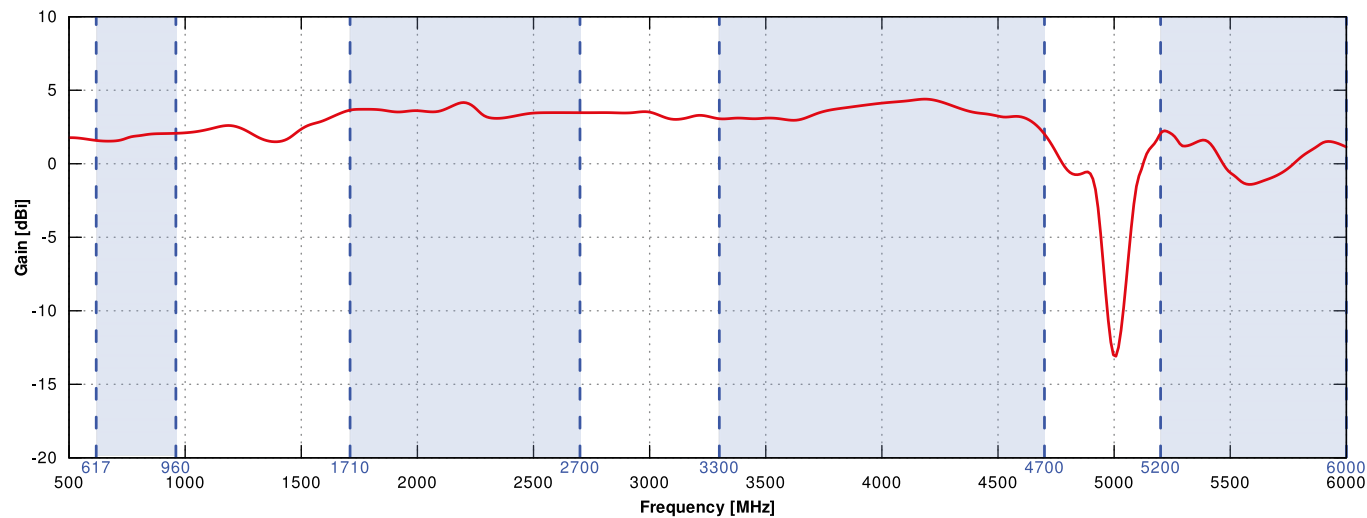


PLOTS

5G/4G VSWR



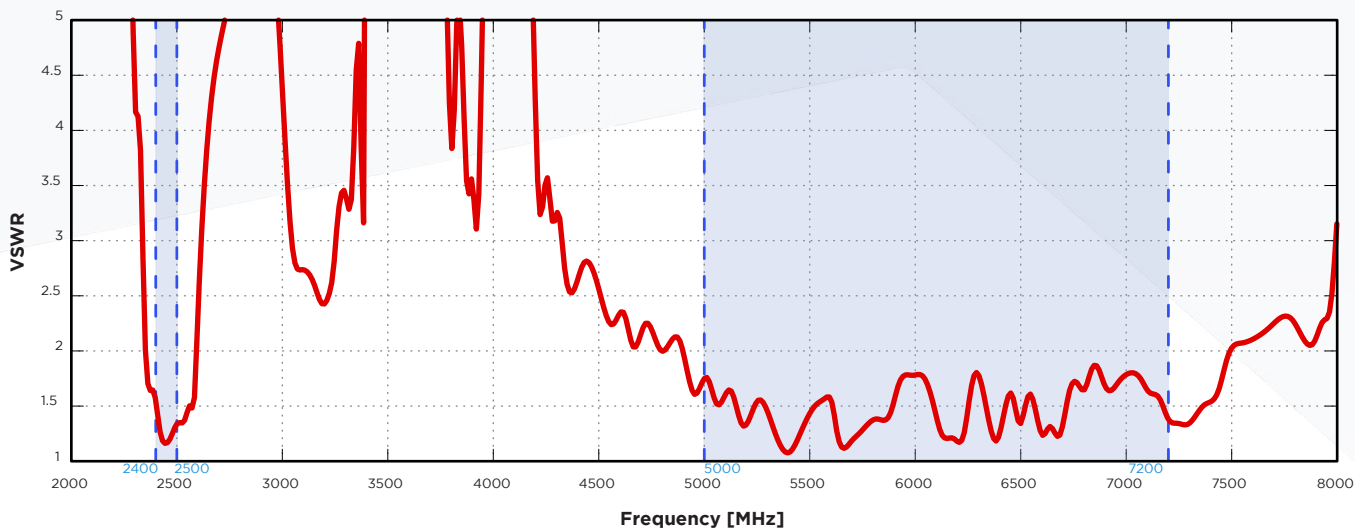
5G/4G Gain



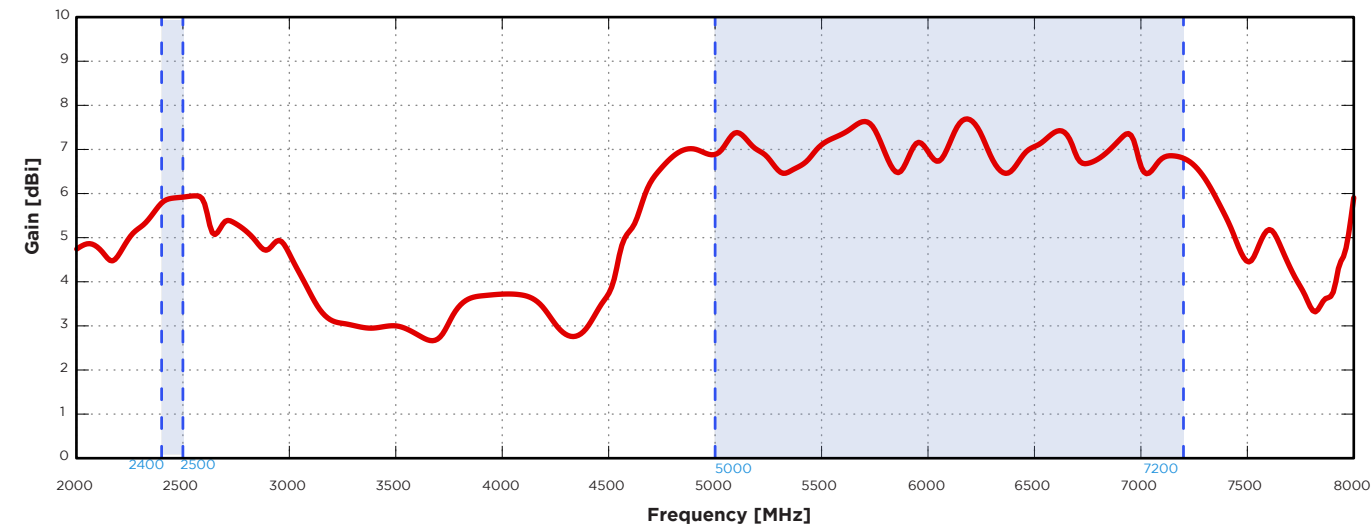


PLOTS

Wi-Fi VSWR

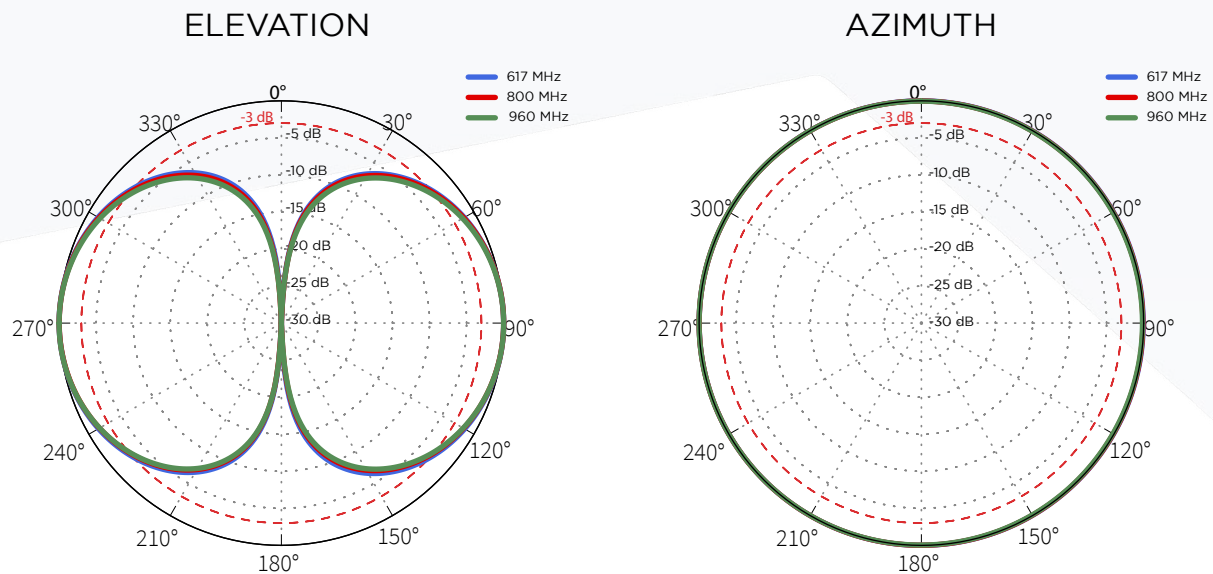


Wi-Fi Gain

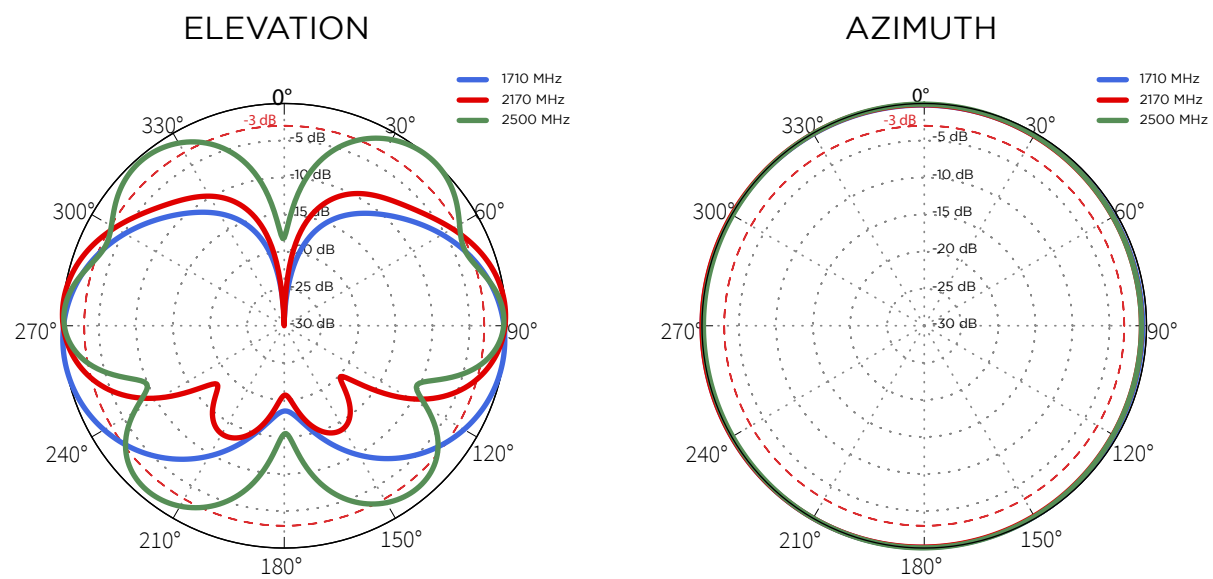




5G/4G from 617 MHz to 950 MHz

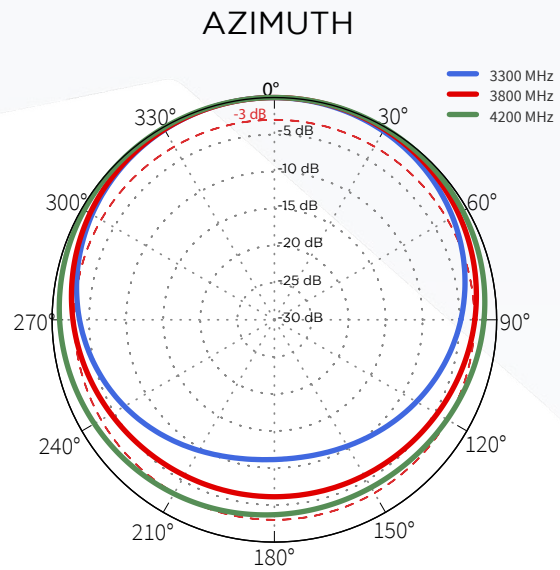
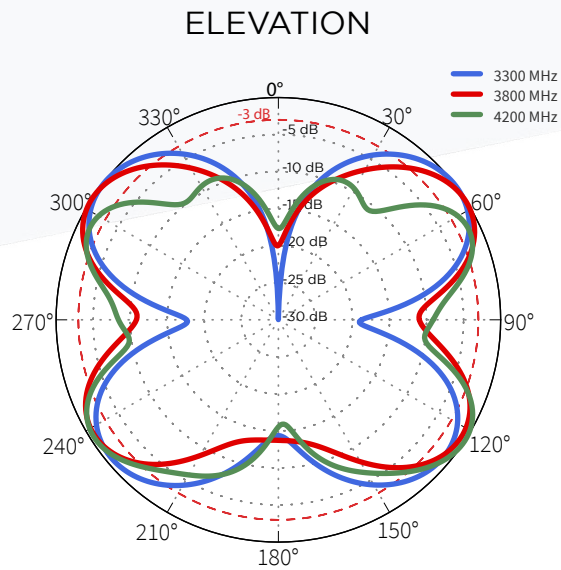


5G/4G from 1.71 GHz to 2.5 GHz

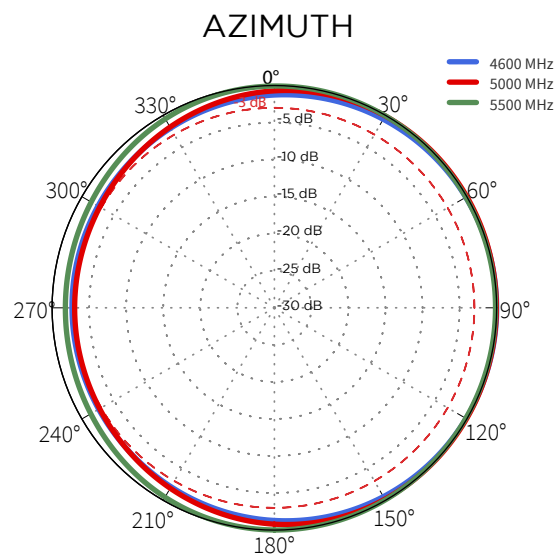
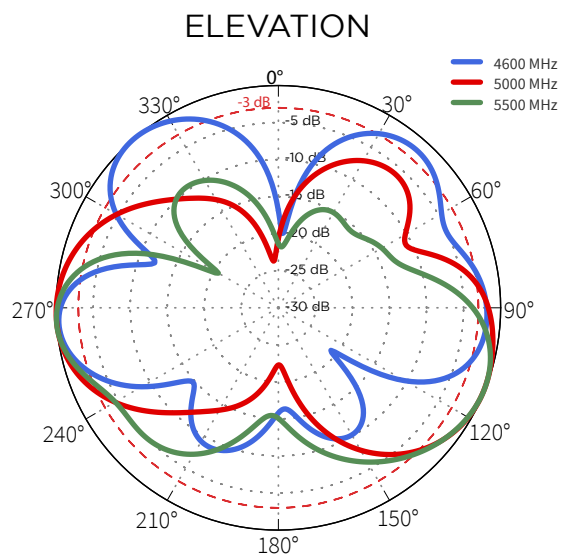




5G/4G from 3.3 GHz to 4.2 GHz

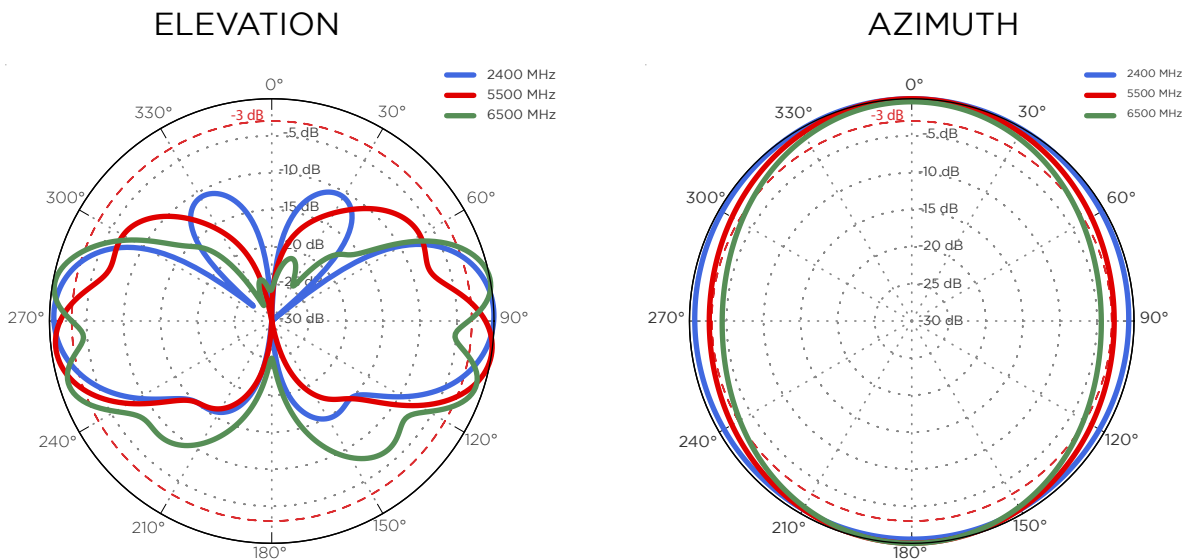


5G/4G from 4.6 GHz to 5.5 GHz





Wi-Fi 2.4 GHz and 5.5 GHz and 6 GHz



DIMENSIONS

