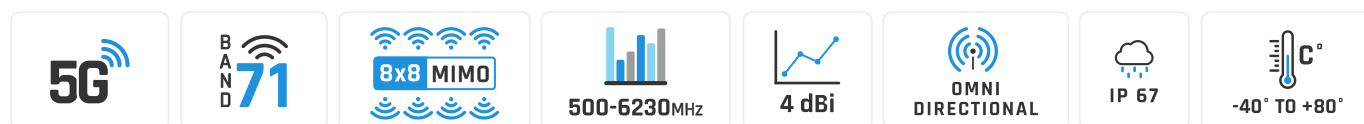


QuWave XL 2 Peplink MAX BR1 Mini 5G

INTEGRATED MULTI-BAND 5G/LTE OMNI ANTENNA + PLACE TO INSTALL POE SPLITTER + PLACE TO INSTALL PEPLINK ROUTERS (ALL-IN-ONE)

QuWave is an all-in-one outdoor connectivity solution that combines **high-gain omnidirectional 5G/LTE** antennas and space for **two Peplink MAX BR1 Mini 5G** routers and a **PoE Splitter MAX** inside a single rugged IP67-rated enclosure.

Designed to support **Peplink's Synergy Mode**, it enables multiple routers to operate as a single centrally managed WAN platform, delivering flexible multi-WAN connectivity for demanding applications. Ideal for transportation, marine, camping, and high-density urban deployments, QuWave simplifies installation while providing reliable, high-performance outdoor wireless connectivity.



OUTDOOR ANTENNA WORKS IN ANY WEATHER CONDITIONS, IP67



ANTENNA PERFECTLY MATCHED WITH THE PEPLINK ROUTERS



ALL ANTENNAS AND PEPLINK ROUTERS INTEGRATED IN ONE ENCLOSURE



GALVANIZED STEEL, WALL OR POLE MOUNTING BRACKET



5G / LTE ANTENNA SPECIFICATION

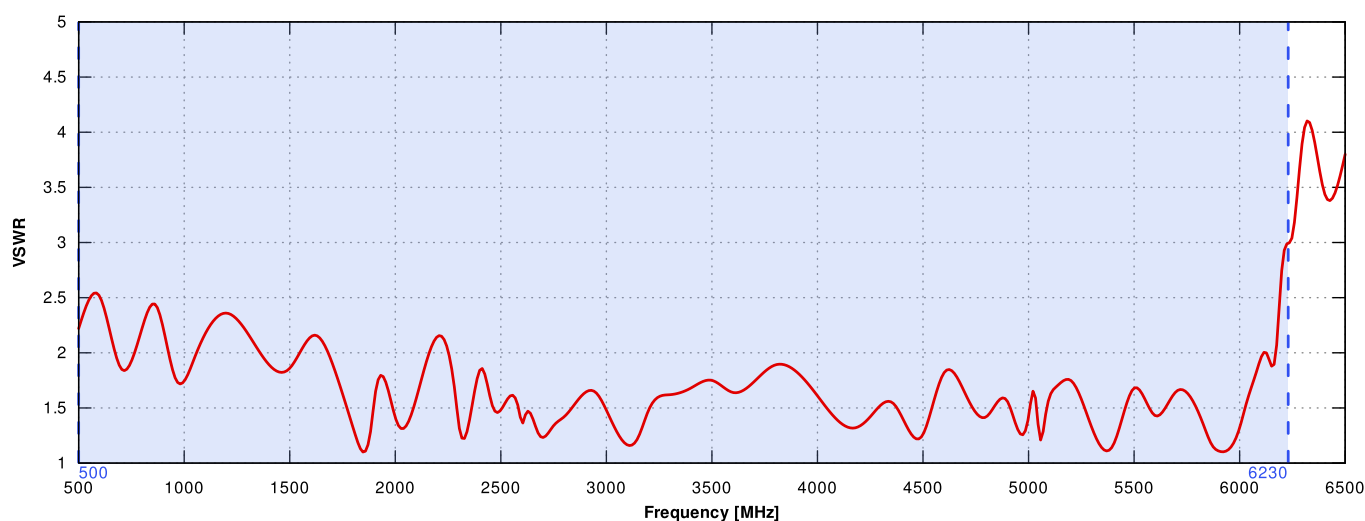
FREQUENCY	0.5 - 2.0 GHz 2.0 - 3.7 GHz 3.7 - 5.0 GHz 5.0 - 6.23 GHz
MAX. GAIN	0.5 - 2.0 GHz : 3 dBi 2.0 - 3.7 GHz : 4 dBi 3.7 - 5.0 GHz : 4.6 dBi 5.0 - 6.23 GHz : 4.1 dBi
SUPPORTED LTE BANDS	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 65, 66, 67, 68, 69, 70, 71, 74, 75, 76, 85, 103, 106, 107, 111, 252, 253, 254, 255, 256
SUPPORTED 5G BANDS	n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n24, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n46, n47, n48, n50, n51, n53, n54, n65, n66, n67, n68, n70, n71, n74, n75, n76, n77, n78, n79, n80, n81, n82, n83, n84, n85, n86, n89, n90, n91, n92, n93, n94, n95, n97, n98, n99, n100, n101, n105, n106, n109, n110, n250, n251, n252, n253, n254, n255, n256
VSWR	<2.50, max <3.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
CONNECTOR	8x SMA
CABLE TYPE	RG316

MECHANICAL SPECIFICATION

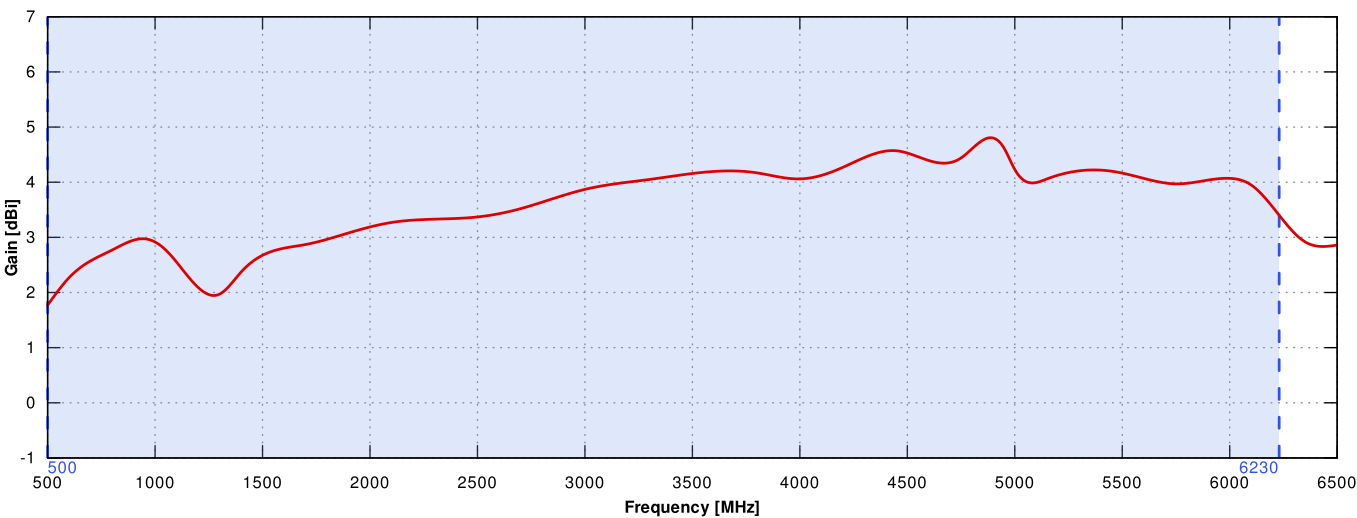
MATERIALS	ABS, aluminum, PTFE
CONNECTOR TYPE	1x QuRJ45
OUTER DIMENSIONS	210 x 210 x 300 mm 8.27 x 8.27 x 11.81 inch
INGRESS PROTECTION	IP67
OPERATING TEMPERATURE	From -40°C to 80°C From -40°F to 176°F
MAST DIAMETER	25-66 mm 0.98-2.60 inch
ENCLOSURE RECOMMENDED TIGHTENING TORQUE	0.5 - 0.7 Nm

PLOTS

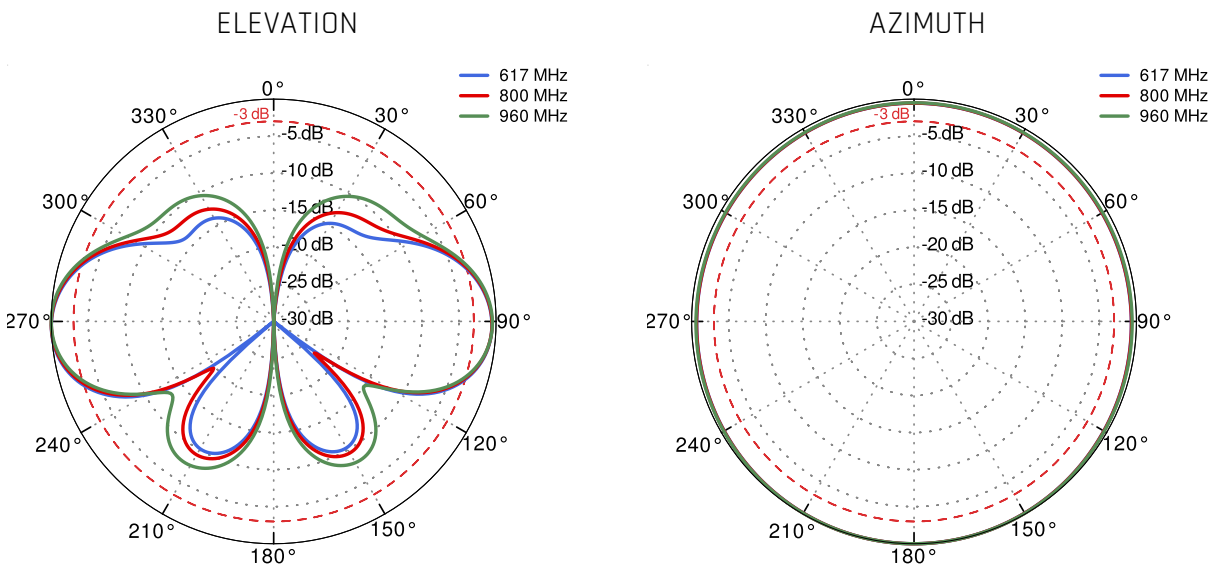
5G/LTE VSWR



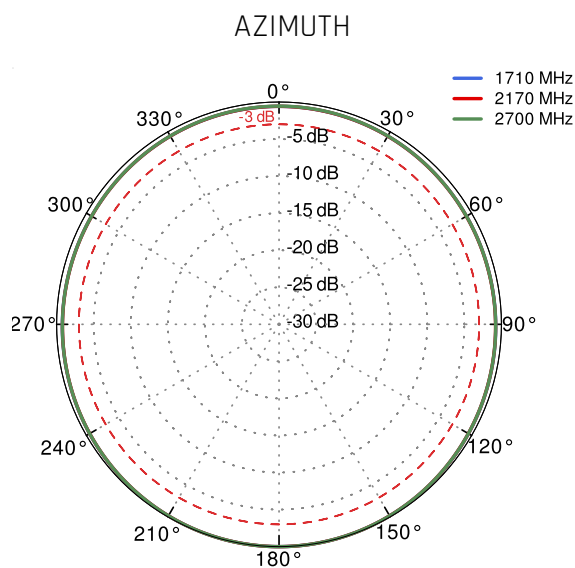
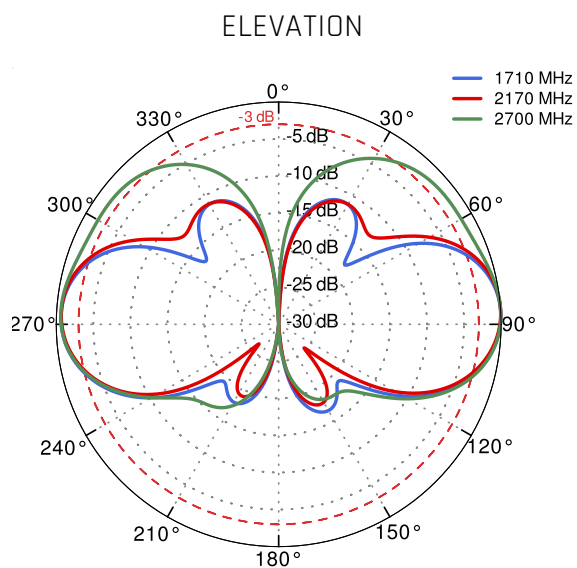
5G/LTE Gain



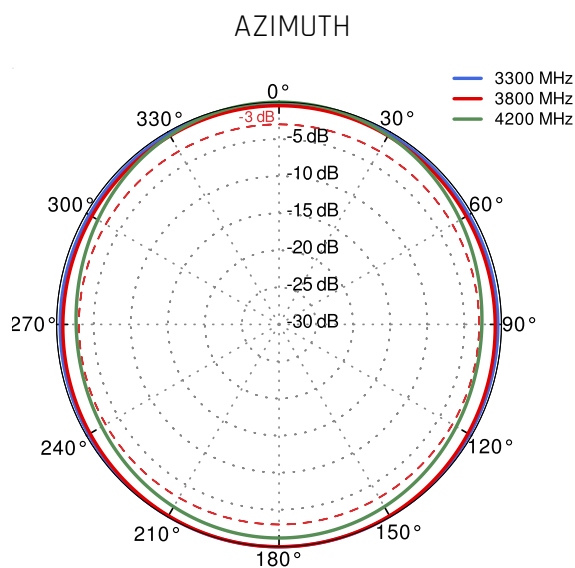
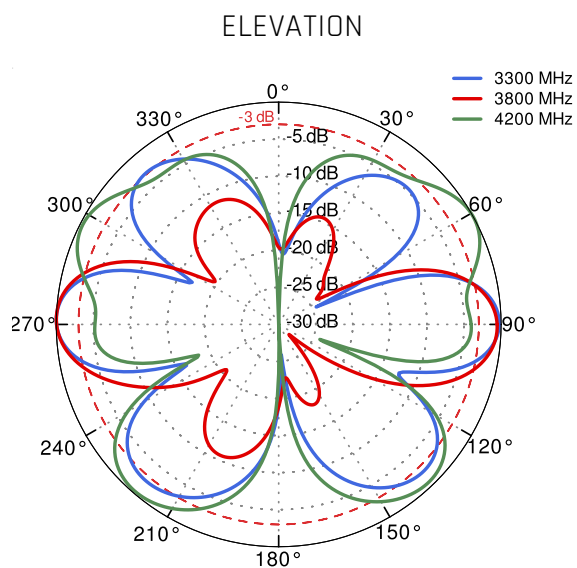
5G/LTE From 617MHz to 960MHz



5G/LTE From 1.71GHz to 2.7GHz



5G/LTE From 3.3GHz to 4.2GHz



5G/LTE From 4.6GHz to 5.7GHz

