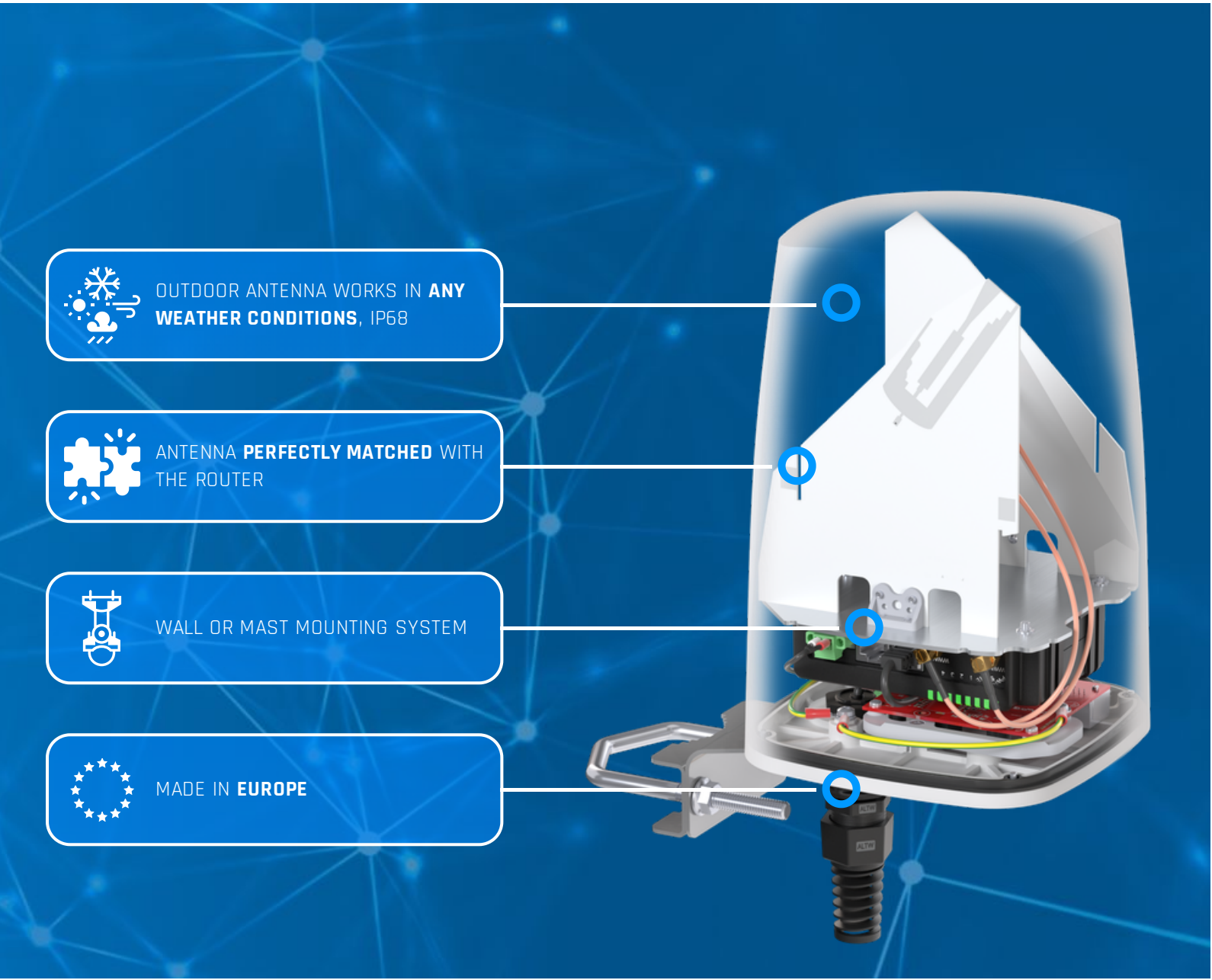
QuSpot LTE 802.3at for Digi IX10

INTEGRATED MULTI-BAND 5G OMNI ANTENNA + ACTIVE 802.3AT POE SPLITTER + PLACE TO INSTALL DIGI IX10 (ALL-IN-ONE)

QuSpot LTE 802.3at for Digi IX10 is a perfect outdoor device for mobile and fixed installations like industrial, CCTV, hotspots, yachts, boats, campers, RV etc. It has embedded omni 5G antenna. If you use IX10 with QuSpot antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.
The set contains a 802.3at 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. Using QuWireless splitter provides 3KA surge and lightning protection.

5G | 2x2 MIMO | BAND 71 | 617-6000MHz | 4 dBi | OMNI DIRECTIONAL | IP 68 | -40° TO +80°



5G/LTE ANTENNA SPECIFICATION

FREQUENCY	0.617 - 0.960 GHz 1.6 - 3.0 GHz 3.0 - 5.0 GHz 5.0 - 6.0 GHz
MAX. GAIN	0.617 - 0.960 GHz : 2 dBi 1.6 - 3.0 GHz : 4 dBi 3.0 - 5.0 GHz : 4 dBi 5.0 - 6.0 GHz : 2 dBi
SUPPORTED LTE BANDS	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 22, 23, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 46, 47, 48, 49, 52, 53, 54, 65, 66, 67, 68, 69, 70, 71, 85, 103, 106, 111, 252, 254, 256
SUPPORTED 5G BANDS	n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n46, n47, n48, n53, n54, n65, n66, n67, n68, n70, n71, n77, n78, n79, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n99, n100, n101, n106, n252, n254, n256
VSWR	<2.00, max <3.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

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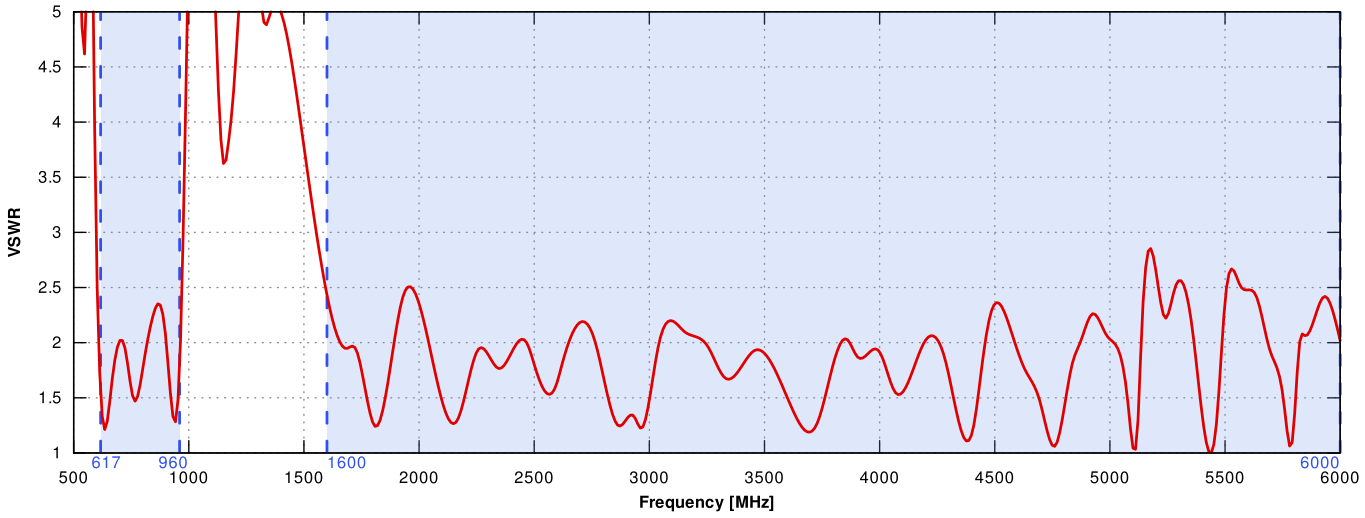
MECHANICAL SPECIFICATION

MATERIALS	ASA, 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
ENCLOSURE RECOMMENDED TIGHTENING TORQUE	0.5 - 0.7 Nm
MAST DIAMETER	25-66 mm 0.98-2.60 inch

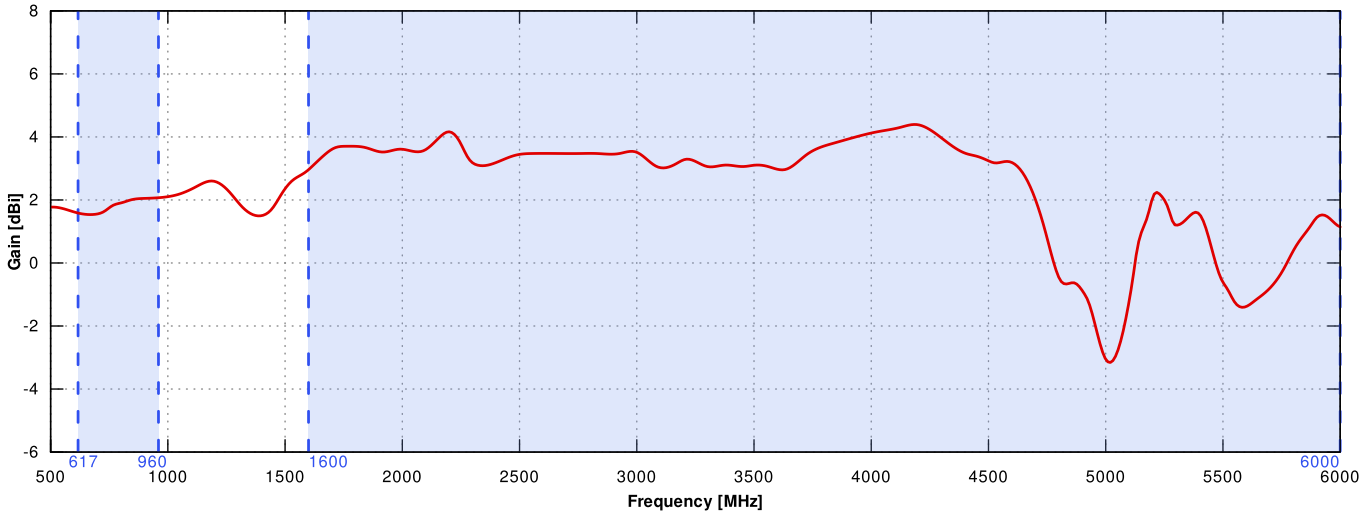
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PLOTS

VSWR for 5G/LTE antenna



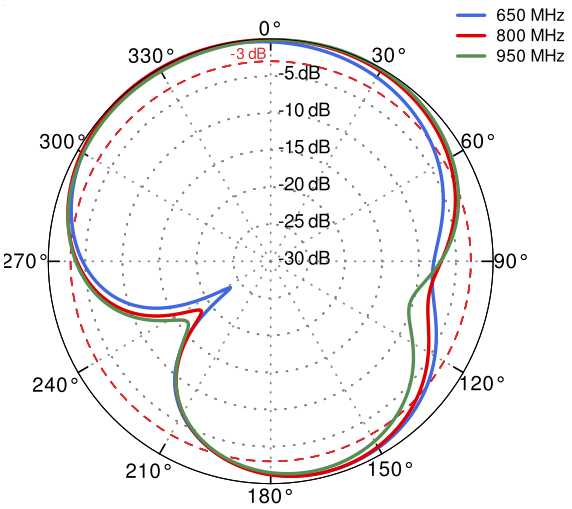
Gain for 5G/LTE antenna



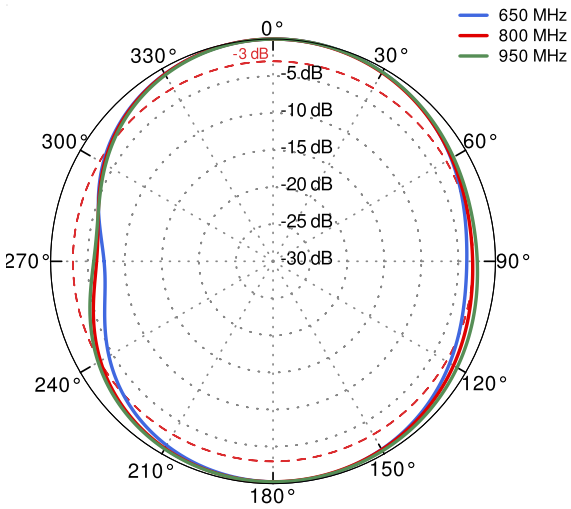
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5G/LTE From 650MHz to 950MHz

ELEVATION

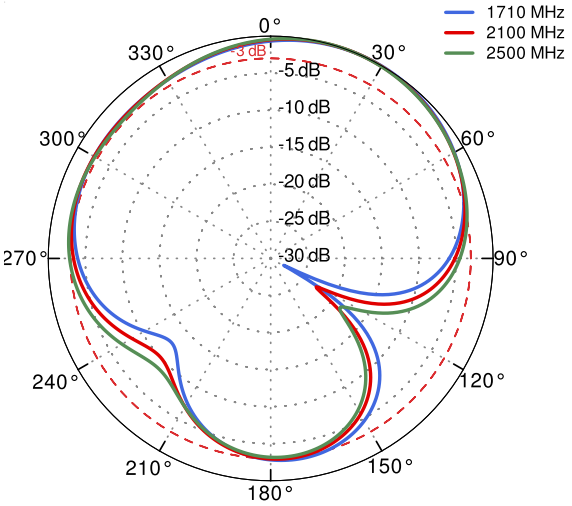


AZIMUTH

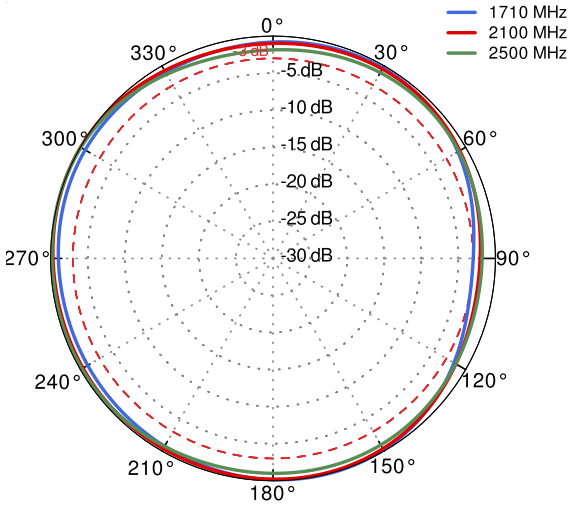


5G/LTE From 1710MHz to 2500MHz

ELEVATION



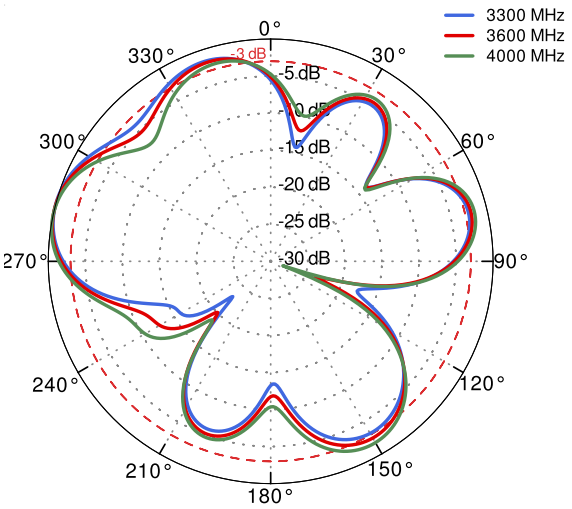
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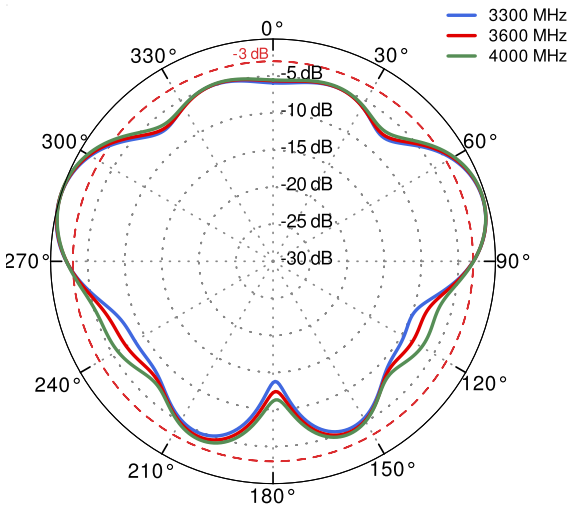
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5G/LTE From 3300MHz to 4000MHz

ELEVATION

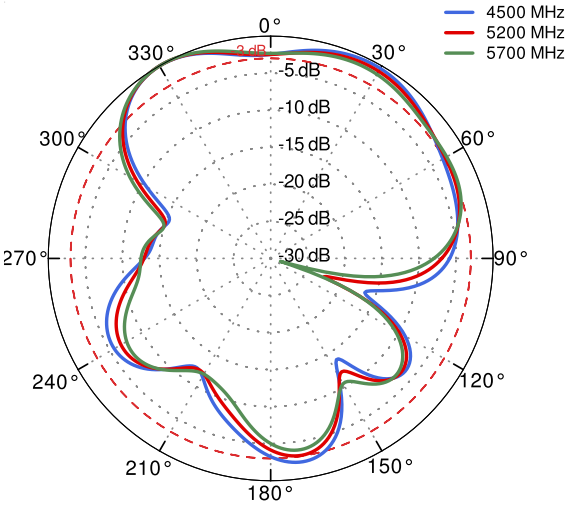


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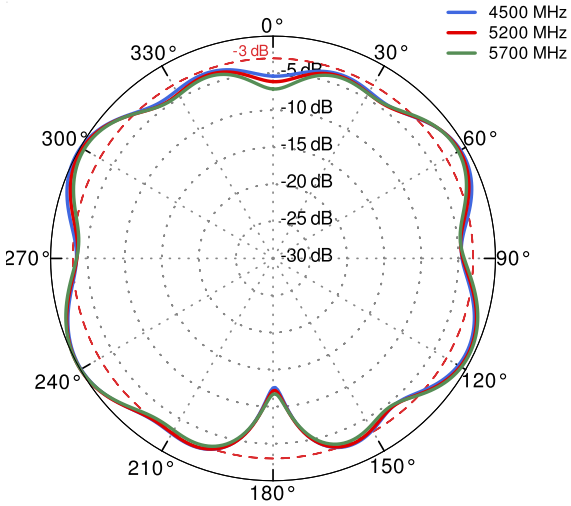


5G/LTE From 4500MHz to 5500MHz

ELEVATION

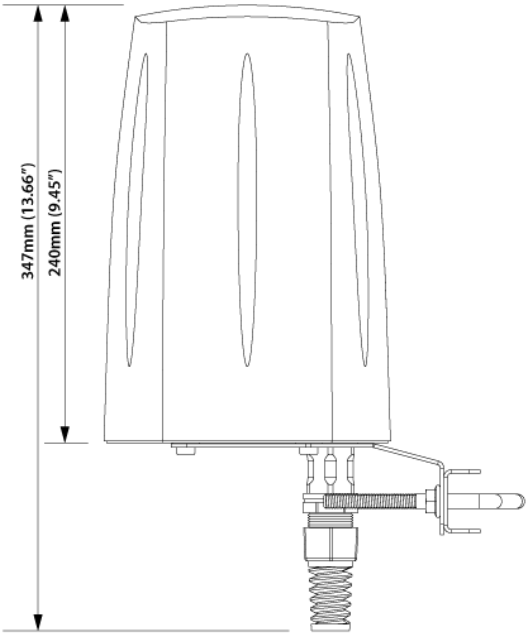


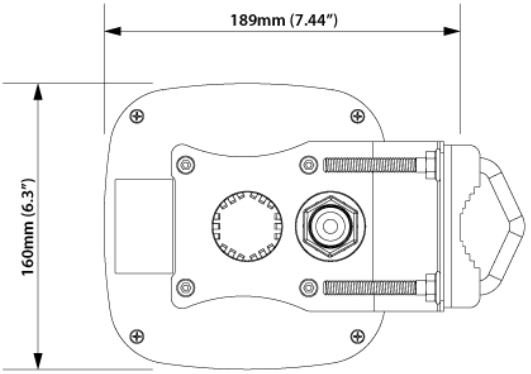
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DIMENSIONS





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