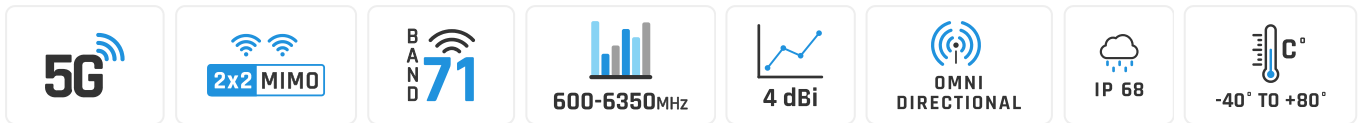


QuSpot for Digi IX10 AT

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

QuSpot for DIGI IX10 AT 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.



OUTDOOR ANTENNA WORKS IN **ANY WEATHER CONDITIONS**, IP68



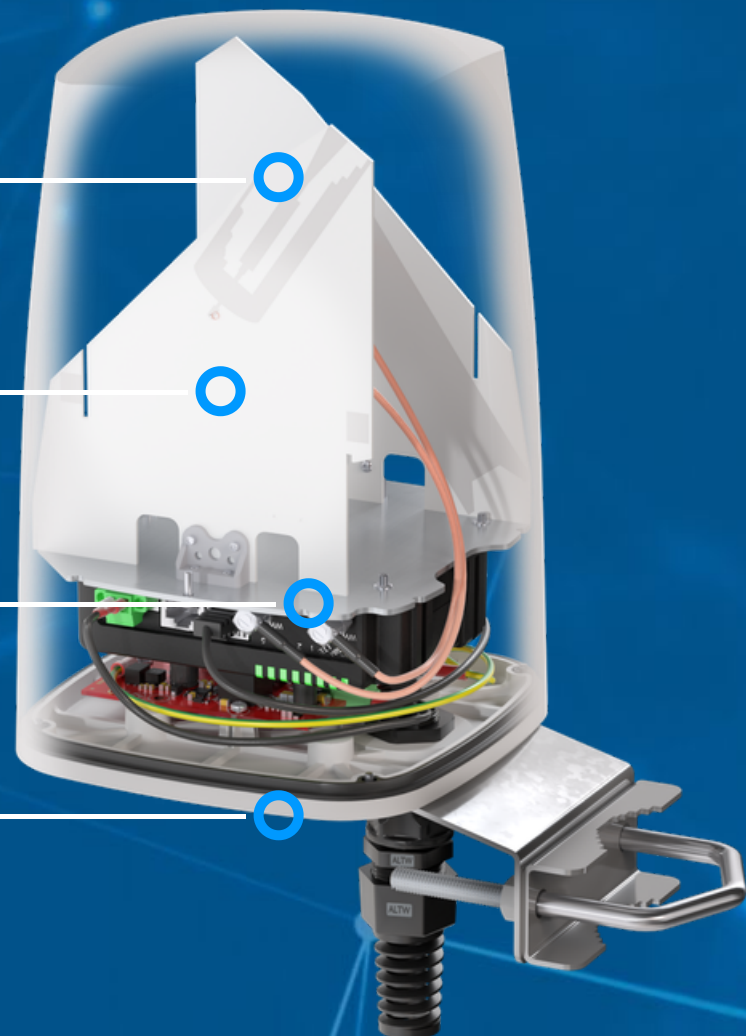
ANTENNA **PERFECTLY MATCHED** WITH THE ROUTER



WALL OR MAST MOUNTING SYSTEM



MADE IN **EUROPE**



5G/LTE ANTENNA SPECIFICATION

| | |
|----------------------------|---|
| FREQUENCY | 0.6 - 1.4 GHz 1.5 - 3.0 GHz 3.0 - 5.0 GHz 5.0 - 6.35 GHz |
| MAX. GAIN | 0.6 - 1.4 GHz : 2.6 dBi 1.5 - 3.0 GHz : 4.2 dBi 3.0 - 5.0 GHz : 4.4 dBi 5.0 - 6.35 GHz : 2.1 dBi |
| SUPPORTED LTE BANDS | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 22, 23, 24, 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, 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, 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, n105, n106, n250, n251, n252, n253, n254, n255, n256 |
| VSWR | <2.00, max <3.00 |
| BEAMWIDTH | 360°/35° ±5° |
| 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 |
| ENCLOSURE RECOMMENDED TIGHTENING TORQUE | 0.5 - 0.7 Nm |
| MAST DIAMETER | 25-66 mm 0.98-2.60 inch |

FREQUENCY BANDS

LTE / 4G GSM

| | | | | | | | | |
|------------|-----|-----|----|-----|-----|-----|-----|------------|
| 617 MHz | 5 | 8 | 12 | 13 | 14 | 17 | 18 | 960 MHz |
| | 19 | 20 | 26 | 27 | 28 | 29 | 44 | |
| | 67 | 68 | 85 | 103 | n81 | n82 | n83 | |
| | n89 | 100 | | | | | | |

LTE / 4G UMTS

| | | | | | | | | |
|-------------|-----|-----|-----|-----|------|----|-----|-------------|
| 1710 MHz | 1 | 2 | 3 | 4 | 9 | 10 | 25 | 2170 MHz |
| | 33 | 34 | 35 | 36 | 37 | 39 | n80 | |
| | n84 | n86 | n95 | n98 | n101 | | | |

LTE / 4G WCS DARS

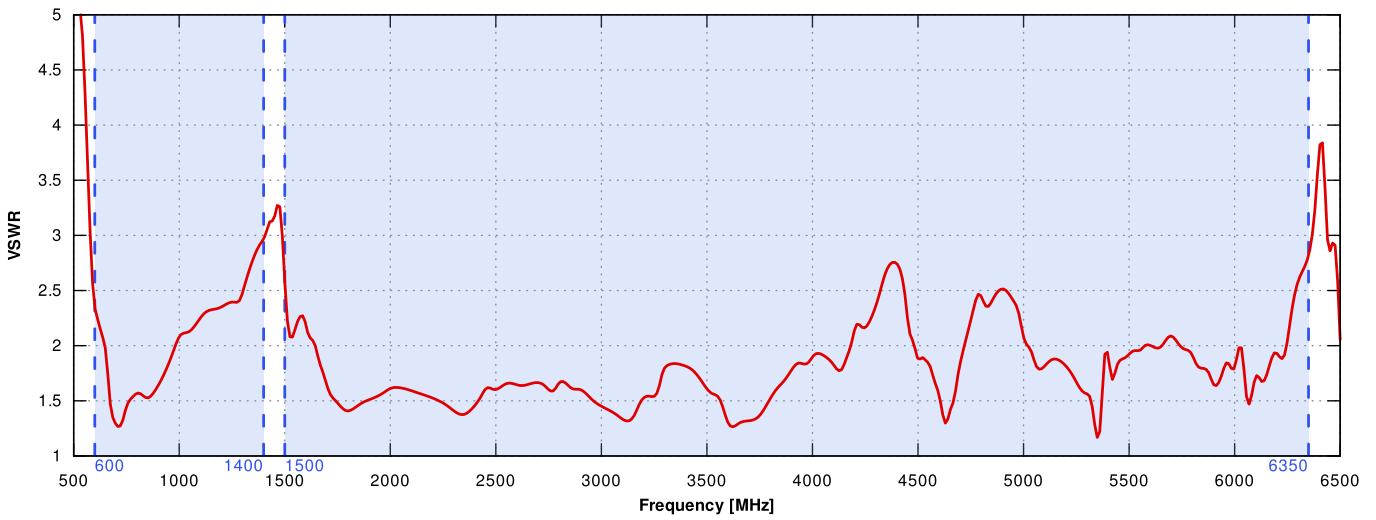
| | | | | | | | | |
|-------------|----|----|-----|--|--|--|--|-------------|
| 2300 MHz | 30 | 40 | n97 | | | | | 2400 MHz |
|-------------|----|----|-----|--|--|--|--|-------------|

LTE / 4G

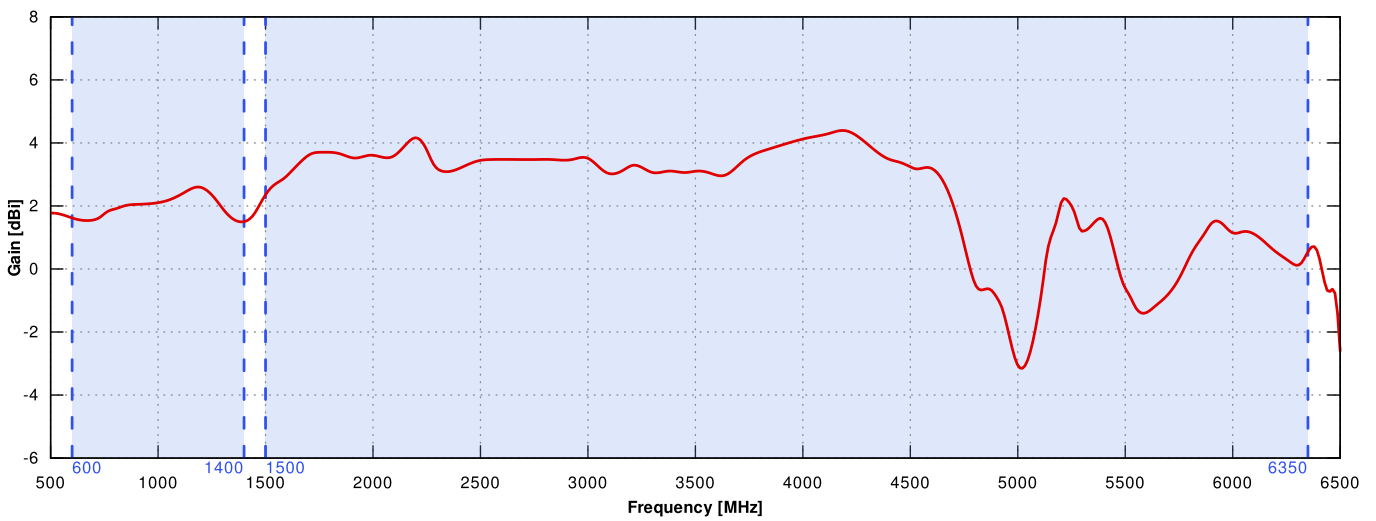
| | | | | | | | | |
|-------------|---|----|----|----|----|-----|--|-------------|
| 2400 MHz | 7 | 38 | 41 | 53 | 69 | n90 | | 2700 MHz |
|-------------|---|----|----|----|----|-----|--|-------------|

PLOTS

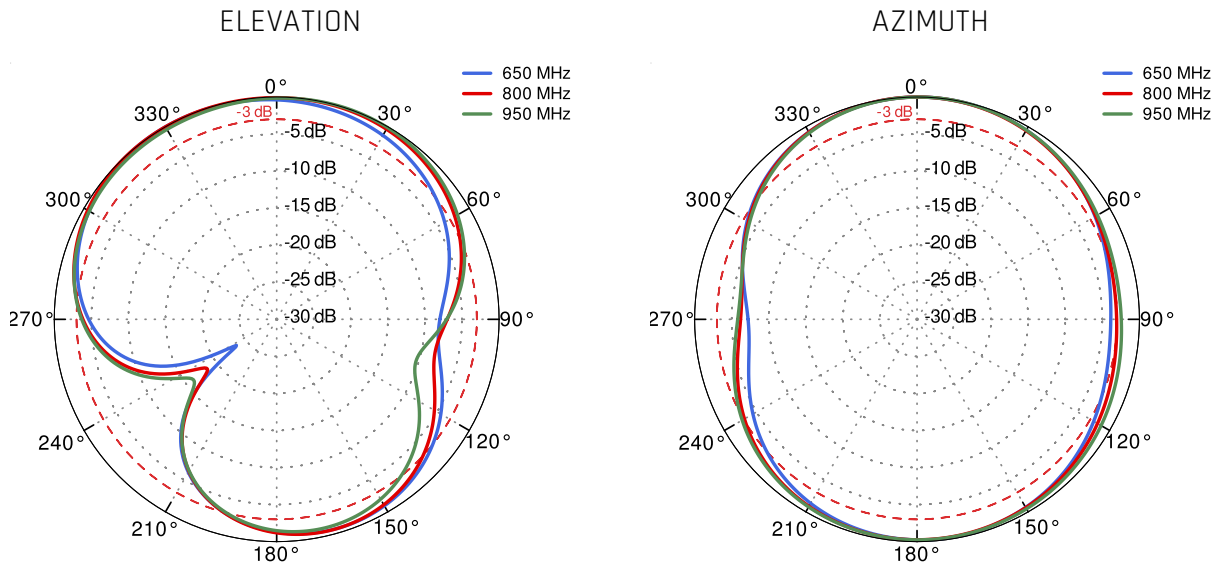
VSWR for 5G/LTE antenna



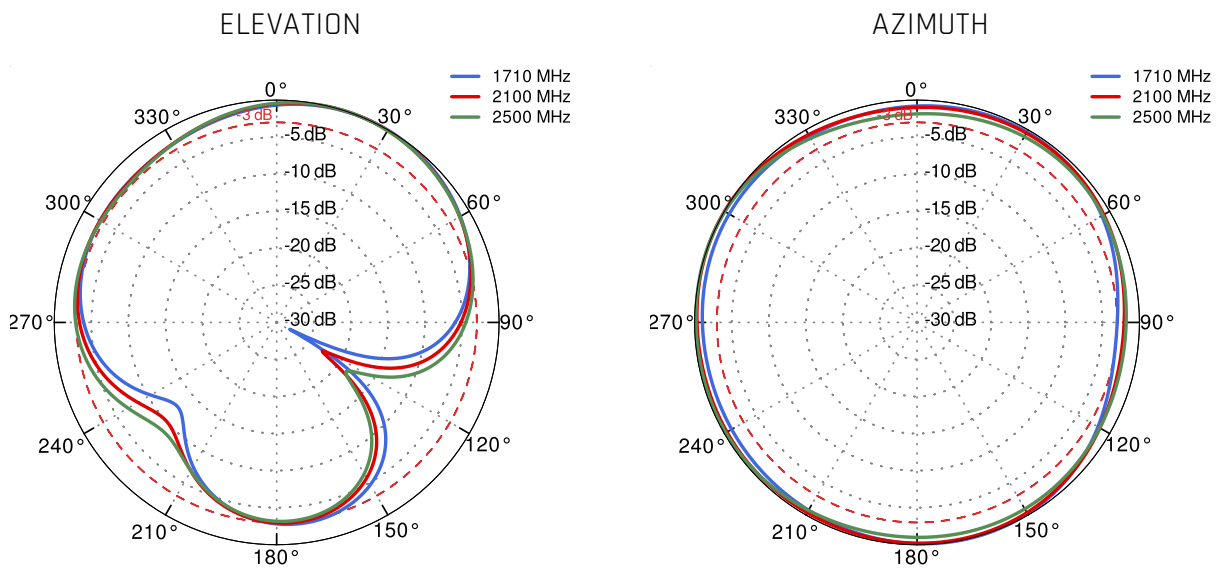
Gain for 5G/LTE antenna



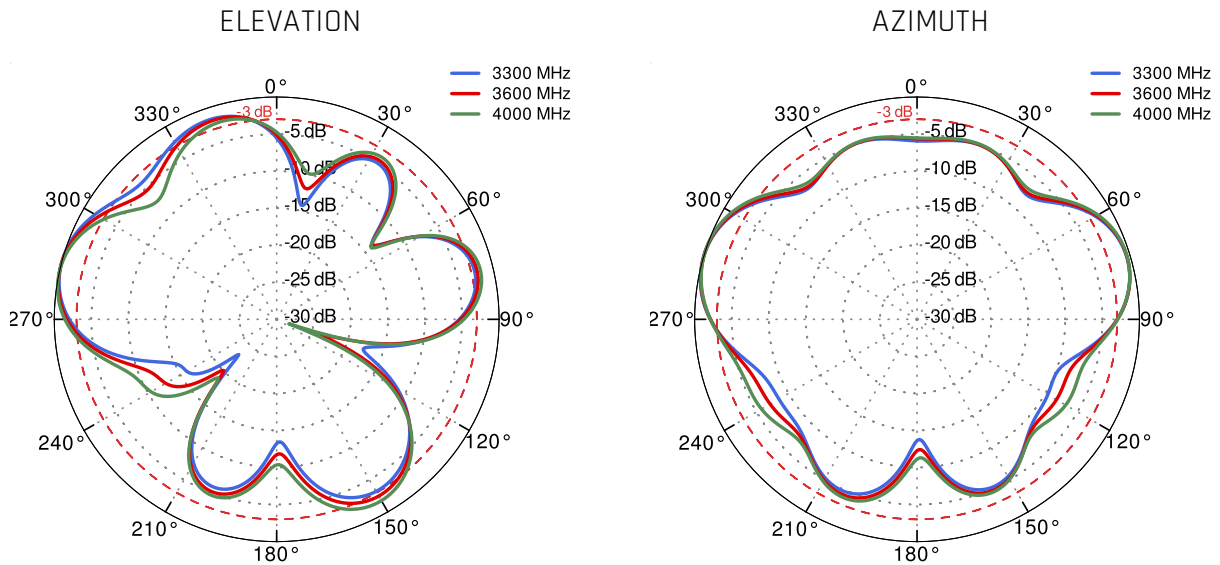
5G/LTE from 650MHz to 950MHz



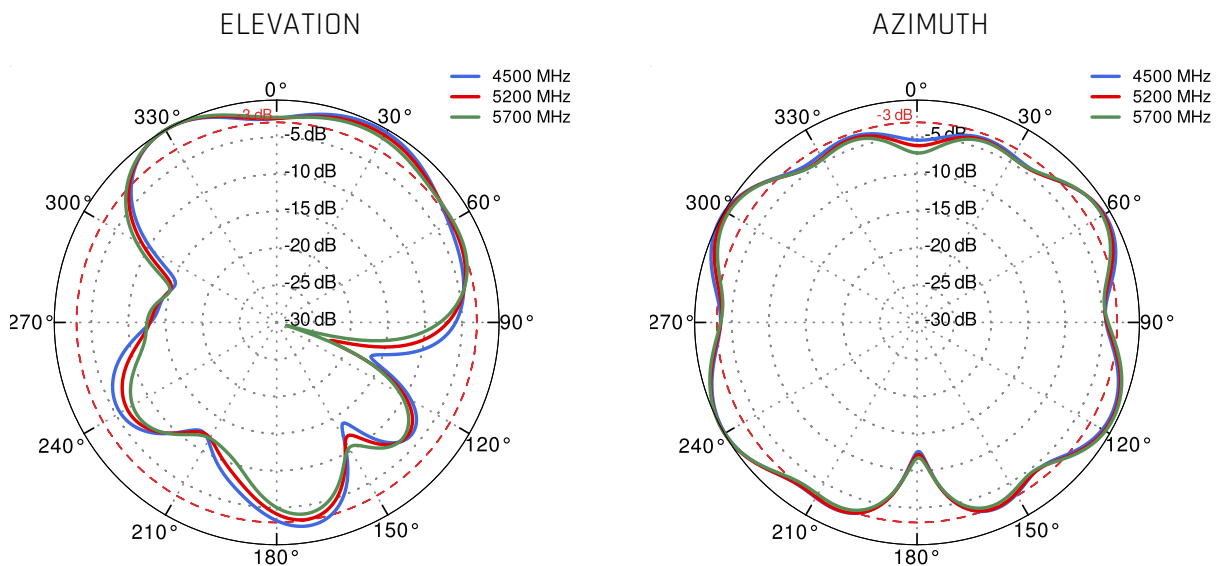
5G/LTE from 1.71GHz to 2.5GHz



5G/LTE from 3.3GHz to 4.0GHz



5G/LTE from 4.5GHz to 5.5GHz



DIMENSIONS

