

Thunder Integrated Omni for Digi IX10

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

Thunder Integrated Omni antenna for **DIGI IX10** router 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 Thunder Integrated Omni 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.

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

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 | 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 GHz : 2.5dBi |
| SUPPORTED LTE/5G 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, 48, 49, 52, 53, 59, 62, 65, 66, 67, 68, 69, 71, 85, n78, n80, n81, n82, n83, n84, n86, n89, n90, n95 |
| VSWR | <1.80, max <2.00 |
| 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 |
| MAST DIAMETER | 40-60 mm 1.57-2.36 inch |

FREQUENCY BANDS

| | |
|---------------|--|
| LTE / 4G GSM | <div>581213141718</div> <div>617 MHz<div>19202627282944</div>960 MHz</div> <div>676885103n81n82n83</div> <div>n89100</div> |
| LTE / 4G UMTS | <div>1710 MHz<div>123491025</div>2170 MHz</div> <div>333435363739n80</div> <div>n84n86n95n98n101</div> |

LTE / 4G WCS DARS

2300
MHz

30

40

n97

2400
MHz

LTE / 4G

2400
MHz

7

38

41

53

69

n90

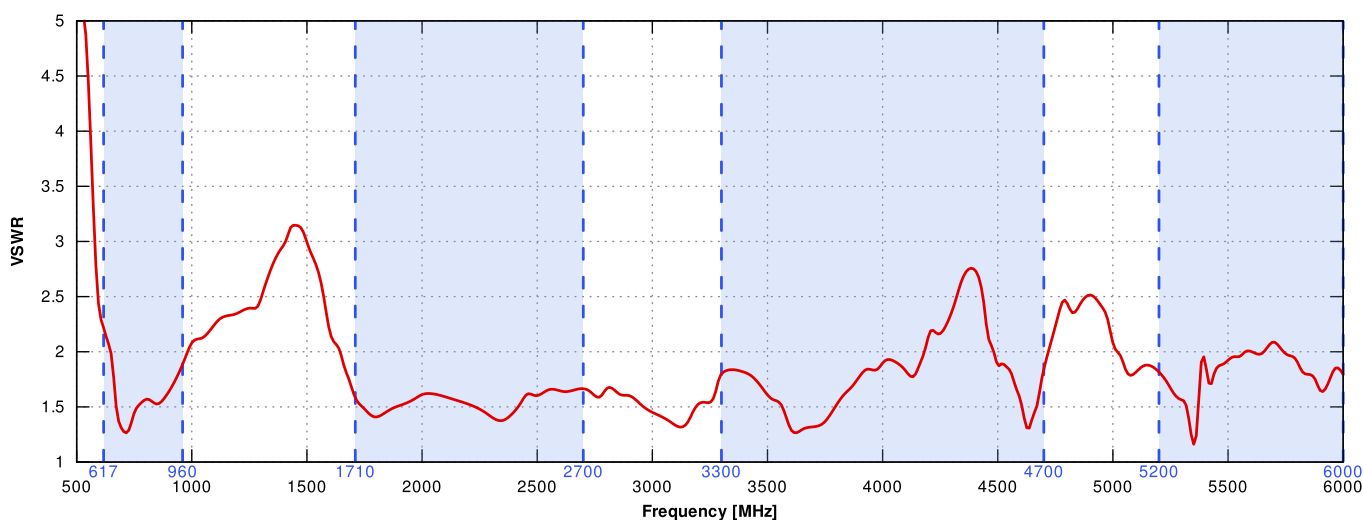
2700
MHz

COMPATIBLE ROUTERS

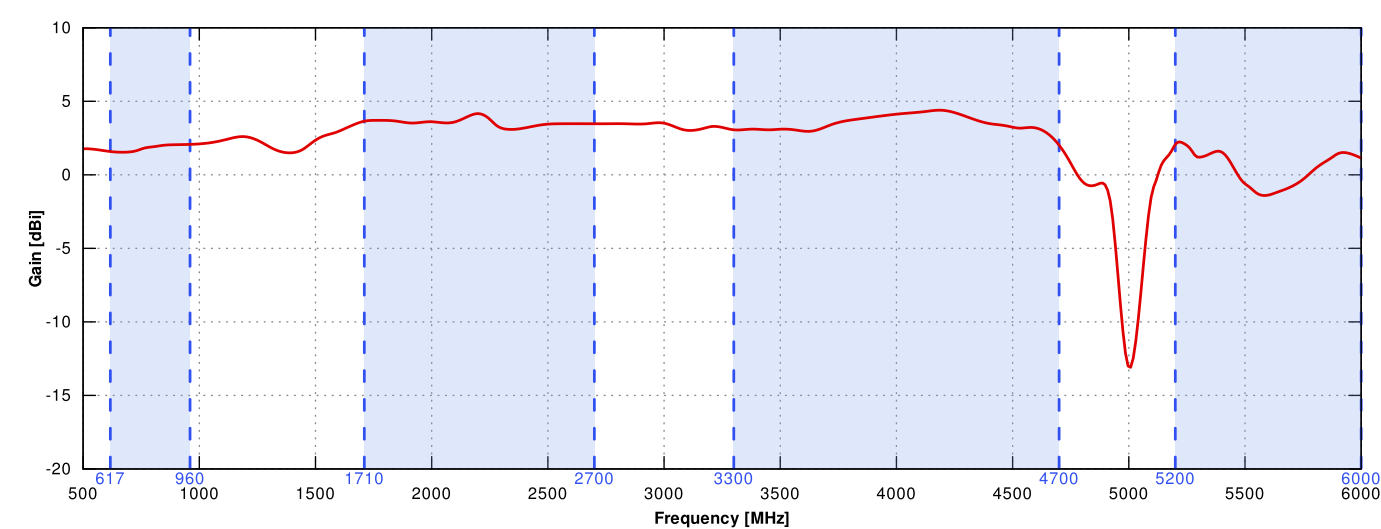
VARIANT: ADIX10S

PLOTS

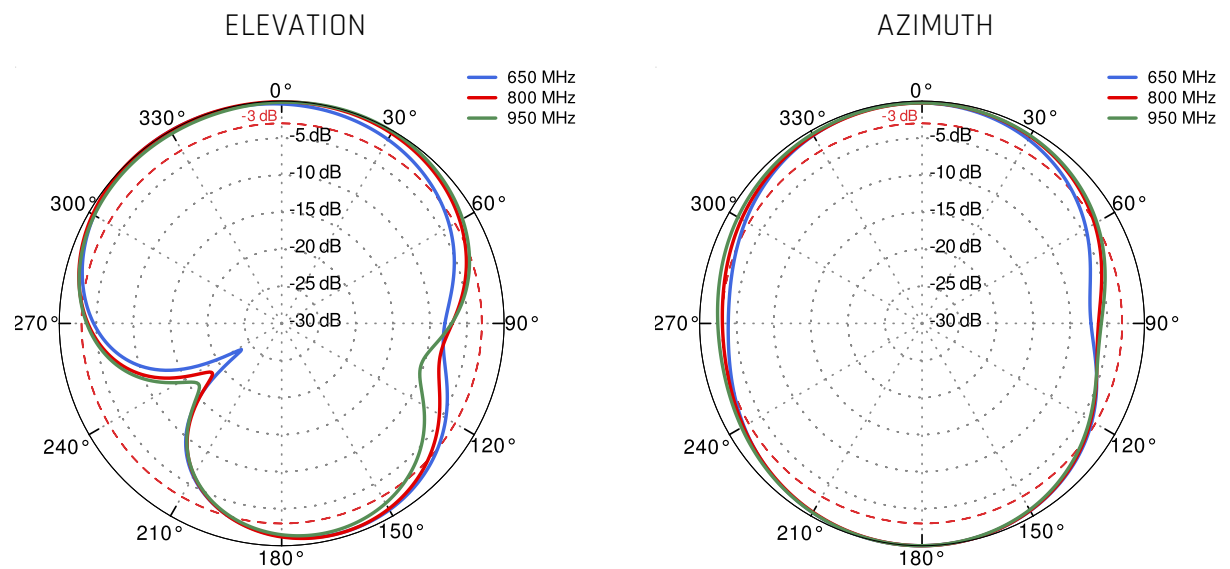
VSWR for 5G/LTE antenna



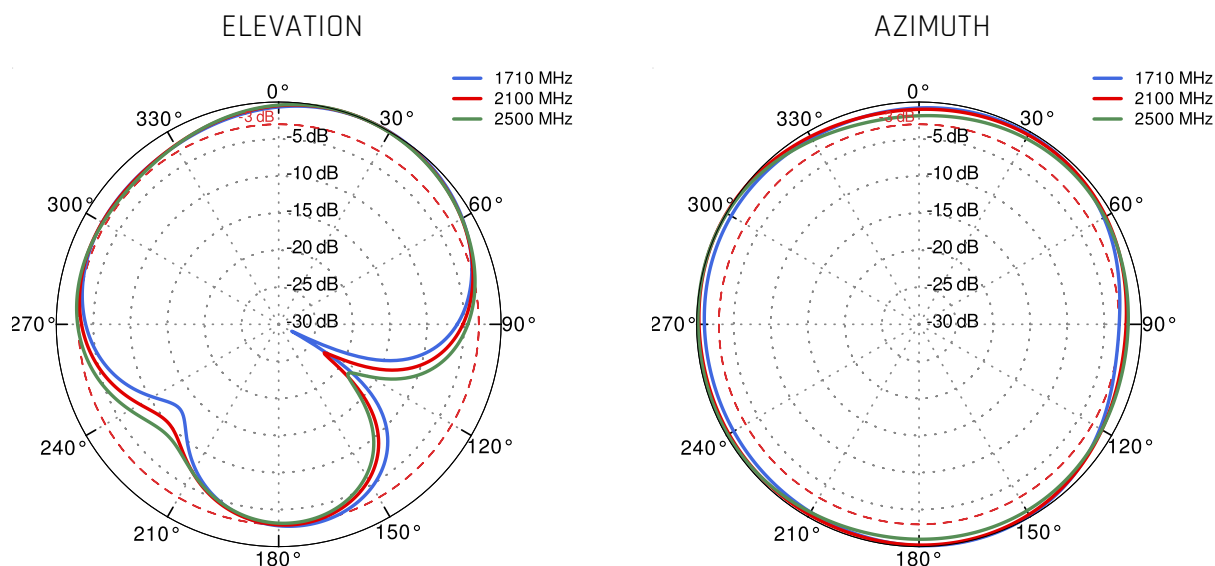
Gain for 5G/LTE antenna



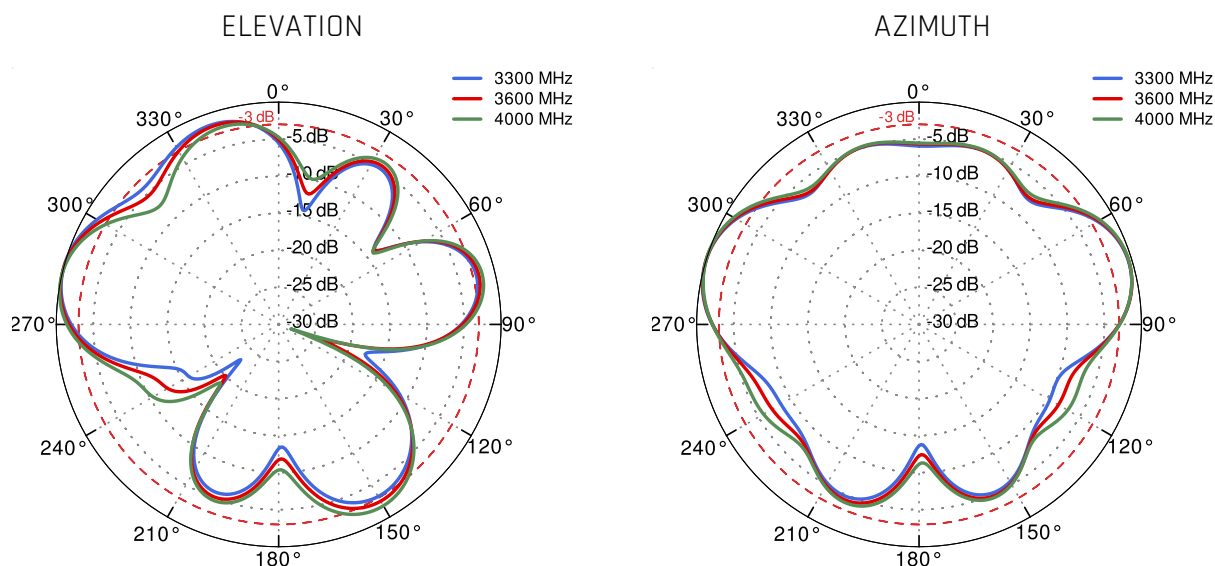
5G/LTE from 650MHz to 950MHz



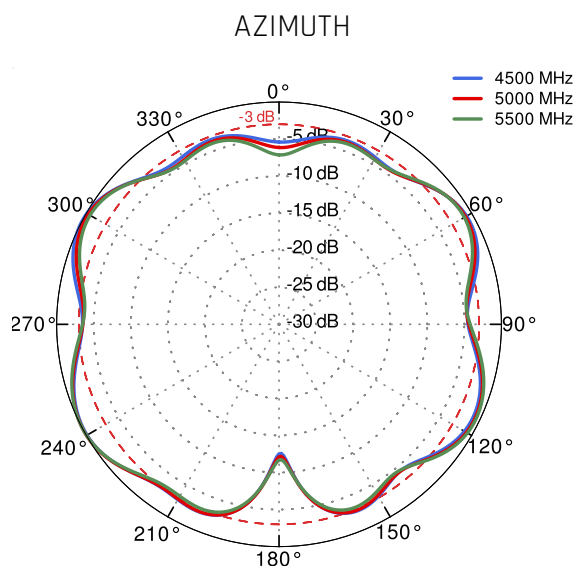
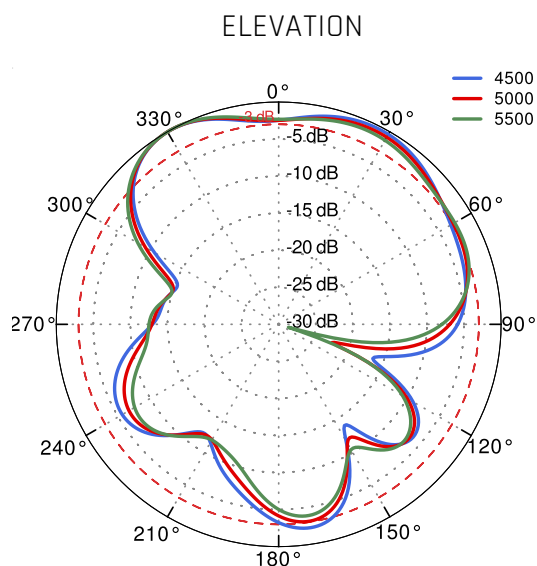
5G/LTE from 1.71GHz to 2.5GHz



5G/LTE from 3.3GHz to 4.0GHz



5G/LTE from 4.5GHz to 5.5GHz



DIMENSIONS

