

# QuMax Omni for DIGI EX50

## INTEGRATED MULTI-BAND 5G OMNI ANTENNA + PLACE TO INSTALL DIGI EX50 (ALL-IN-ONE)

QuMax Omni all-in-one antenna for DIGI EX50 router is a perfect outdoor device for mobile and fixed installations like industrial, public, CCTV, hotspots, yachts, boats, campers, RV etc. It has embedded omni 4\*5G antennas. If you use EX50 with QuMax Omni antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.

**5G****4x4 MIMO****694-6000MHz****7 dBi****OMNI  
DIRECTIONAL****IP 67****-40° TO +80°**

OUTDOOR ANTENNA WORKS IN ANY  
WEATHER CONDITIONS, IP67



ANTENNA PERFECTLY MATCHED WITH  
THE DIGI EX50



ALL ANTENNAS AND DIGI ROUTER  
INTEGRATED IN ONE ENCLOSURE



MADE IN **EUROPE**



## 5G / LTE 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 : 2.5dBi
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	50 $\Omega$

## MECHANICAL SPECIFICATION

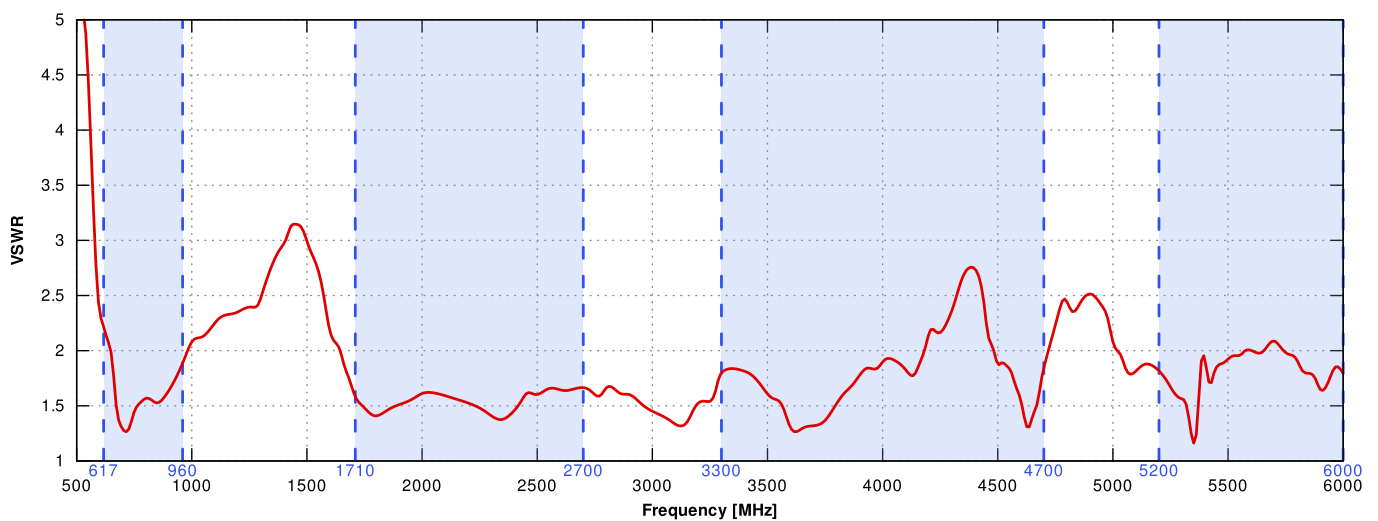
MATERIAL	BS, aluminum, PTFE, Fiberglass
INGRESS PROTECTION	IP67
CONNECTOR TYPE	RJ45
DIMENSIONS	272 x 276 x 96 mm 10.71 x 10.87 x 3.78 inch
WEIGHT	1.8 kg 3.97 lbs
OPERATING TEMPERATURE	From -40°C to 75°C From -40°F to 167°F
ENCLOSURE RECOMMENDED TIGHTENING TORQUE	0.6 - 0.8 Nm

## MOUNTING KIT

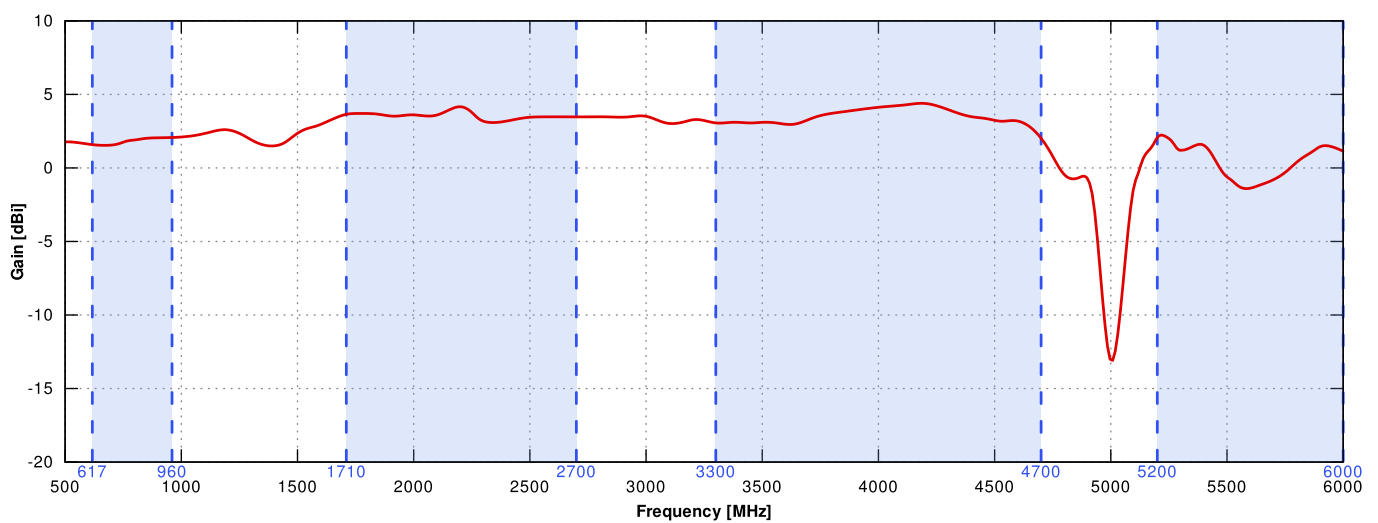
DIMENSIONS	9.9 x 10.5 x 14.8 cm 3.9 x 4.13 x 5.83 inch
REGULATION RANGE	+/- 30°
MAST DIAMETER RANGE	25 - 66mm 0.98-2.60 inch
MATERIAL	Polyamide with fiberglass + galvanized steel U-Bolts
WEIGHT	0.87kg
MOUNTING PLACE	Wall or mast or ceiling

## PLOTS

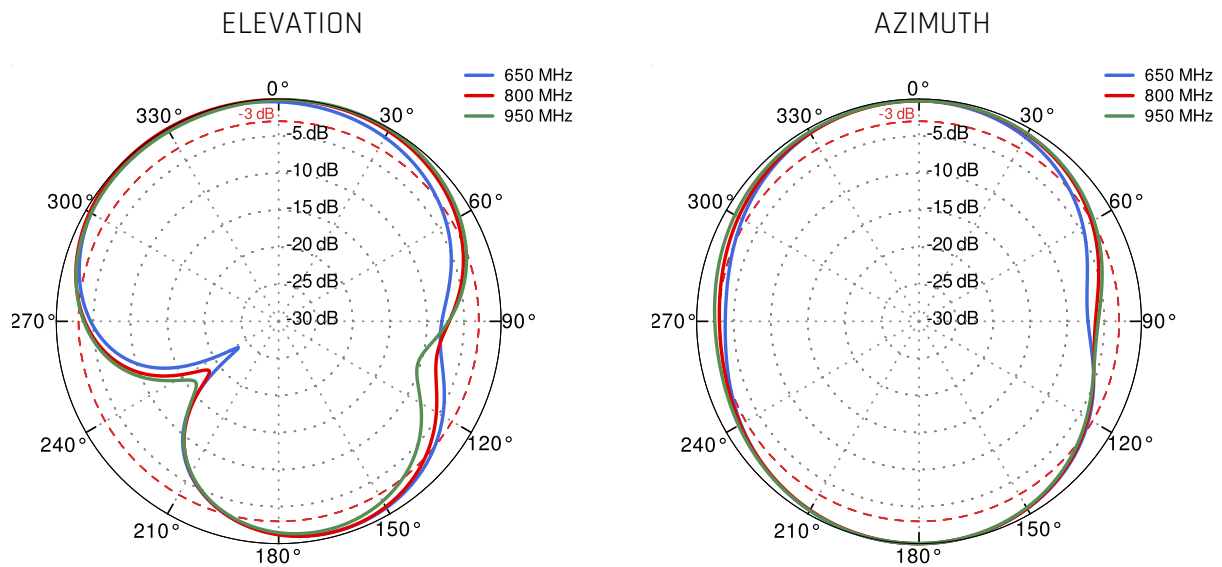
### 5G/LTE VSWR



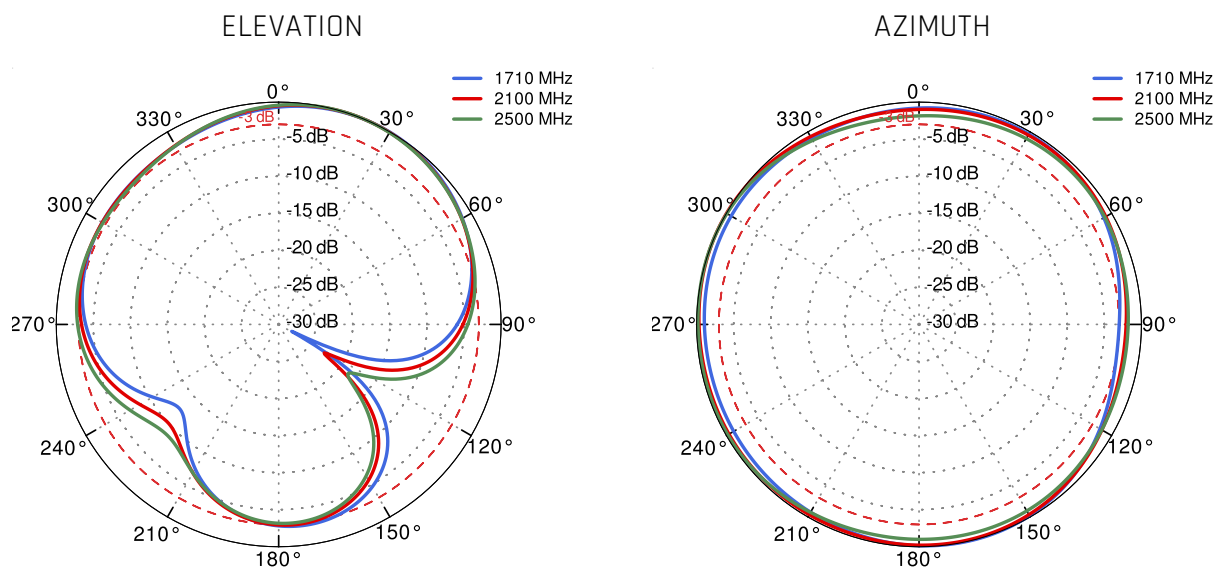
### 5G/LTE Gain



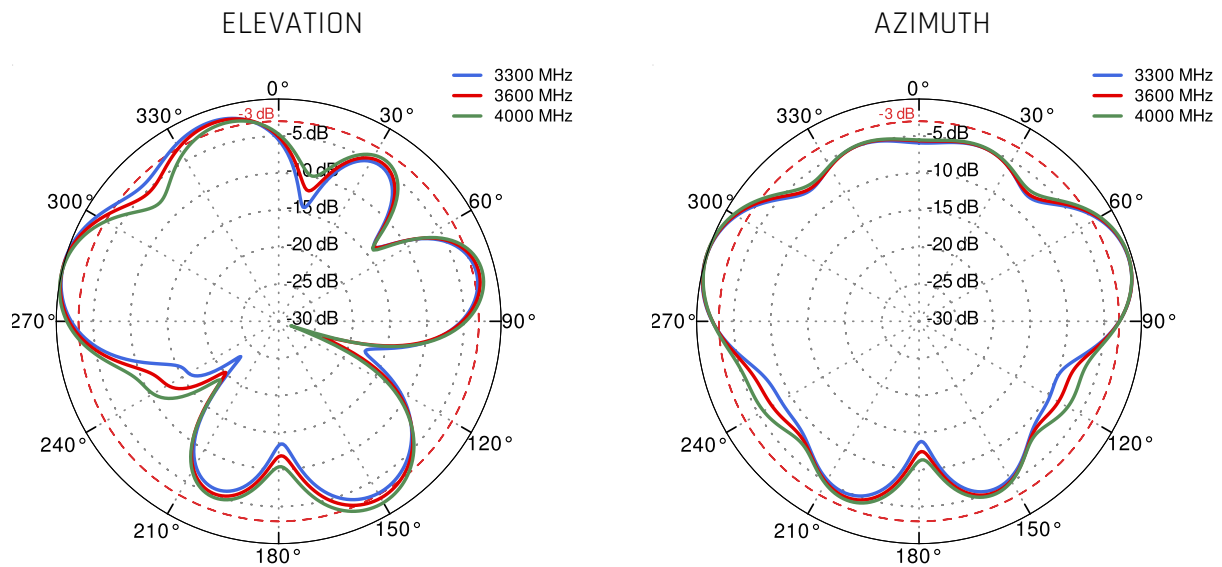
## 5G/LTE from 650MHz to 950MHz



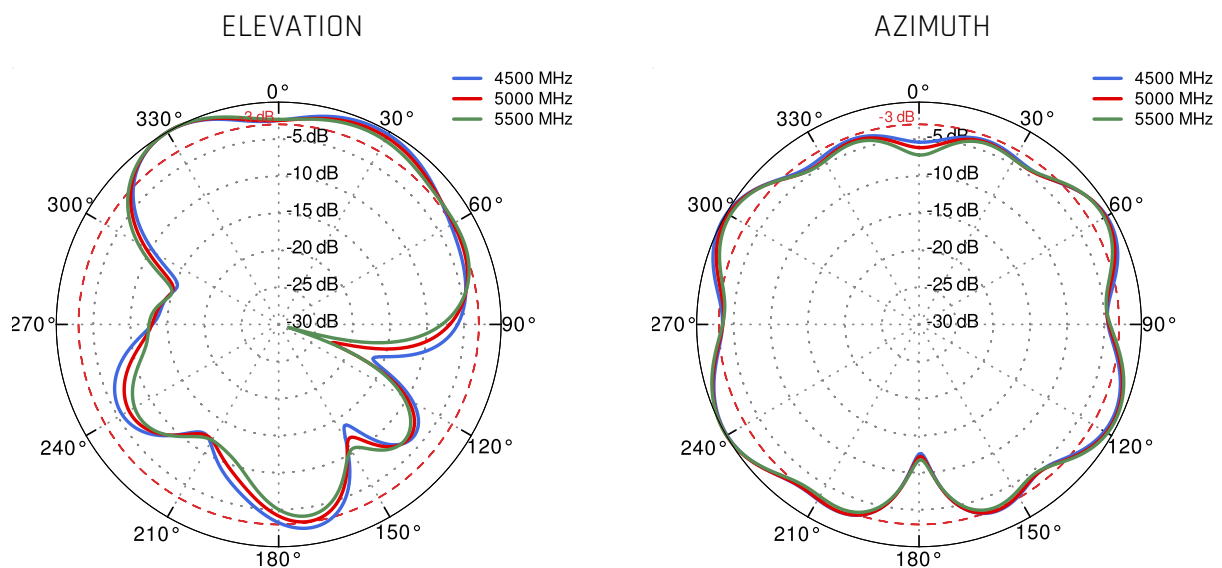
## 5G/LTE from 1.71GHz to 2.5GHz



## 5G/LTE from 3.3GHz to 4.0GHz



## 5G/LTE from 4.5GHz to 5.5GHz



## DIMENSIONS

