

# QuSpot for Milesight UR41

**Integrated multi-band LTE omni antenna + GPS antenna + Passive PoE Splitter + place to install Milesight UR41 (All-in-one)**

QuSpot omni LTE antenna for **Milesight UR41** router is a perfect outdoor device for mobile and fixed installations like industrial, CCTV, hotspots, yachts, boats, campers, RV etc. It also has embedded GPS antenna. If you use **UR41** with QuSpot 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.

**4G**  
LTE  
694-2700MHz  
4 dBi  
OMNI  
DIRECTIONAL  
GPS  
IP 68  
-40° TO +80°

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



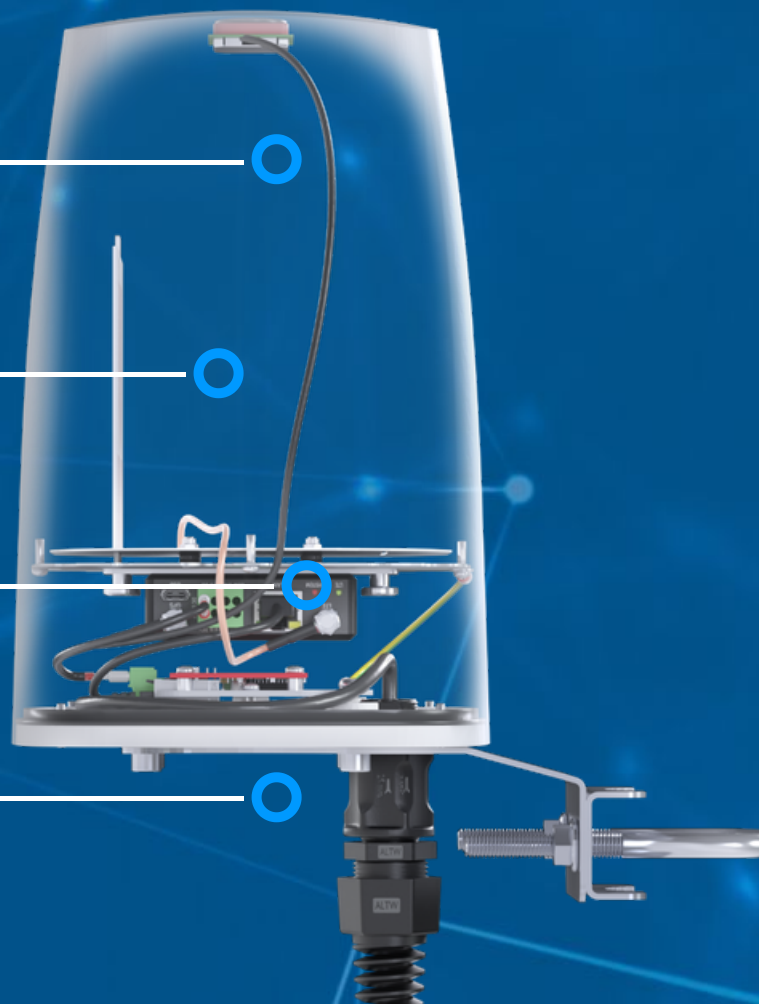
ANTENNA **PERFECTLY MATCHED** WITH  
THE ROUTER



PASSIVE **POE SPLITTER**



MADE IN **EUROPE**



## LTE ANTENNA SPECIFICATION

FREQUENCY	694 - 960 MHz 1.7 - 2.2 GHz 2.2 - 2.7 GHz
GAIN	694 - 960 MHz : 2 dBi 1.7 - 2.2 GHz : 2 dBi 2.2 - 2.7 GHz : 4 dBi
SUPPORTED LTE/5G BANDS	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 23, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 44, 53, 59, 62, 65, 66, 67, 68, 69, 85, n80, n81, n82, n83, n84, n86, n89, n90, n95
VSWR	<1.60, max <2.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 $\Omega$

## 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

5G / LTE GSM	694 MHz	5 18 44 n89	6 19 67	8 20 68	12 26 85	13 27 n81	14 28 n82	17 29 n83	960 MHz
5G / LTE UMTS	1710 MHz	1 33 62	2 34 n80	3 35 n84	4 36 n86	9 37 n95	10 39	25 59	2170 MHz

**5G / LTE WCS DARS**

2300  
MHz

30

40

2400  
MHz

**5G / LTE**

2400  
MHz

7

38

41

53

69

n90

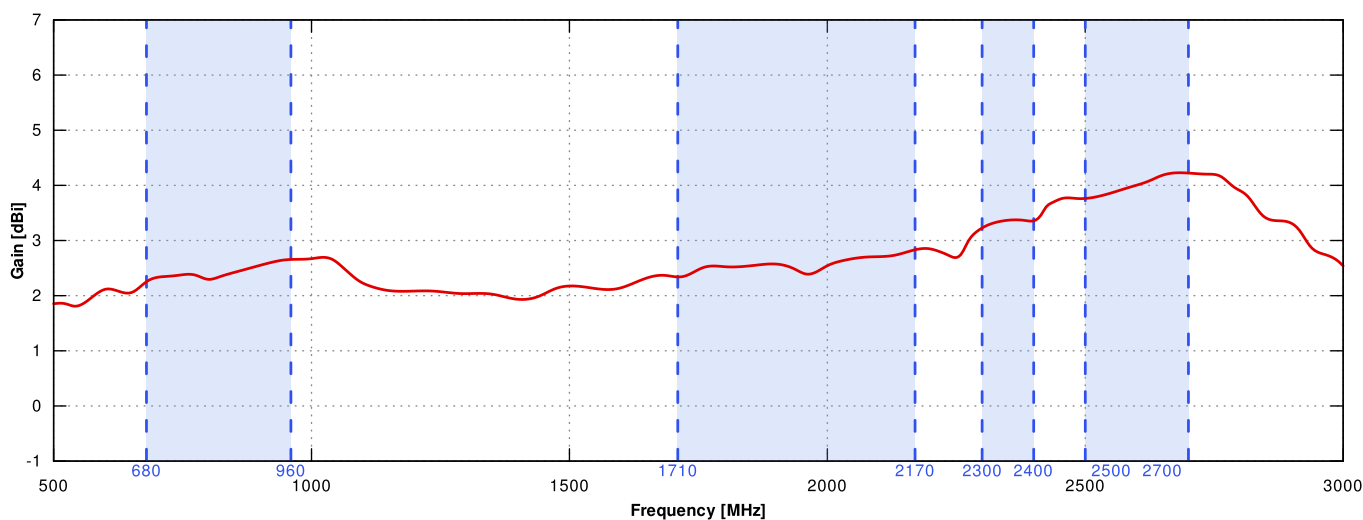
2700  
MHz

## PLOTS

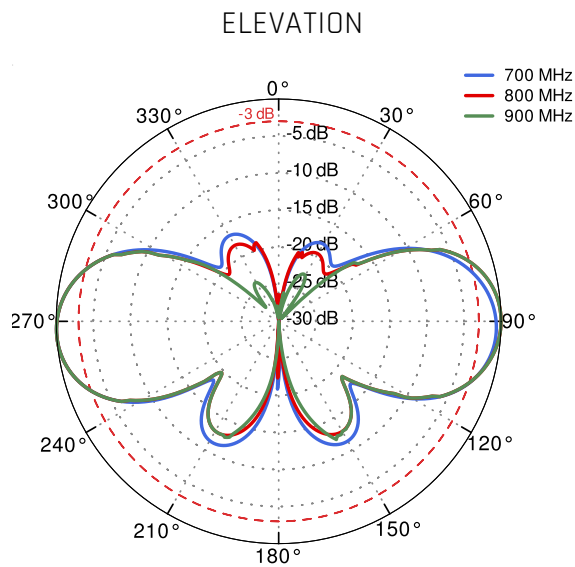
VSWR for LTE antenna



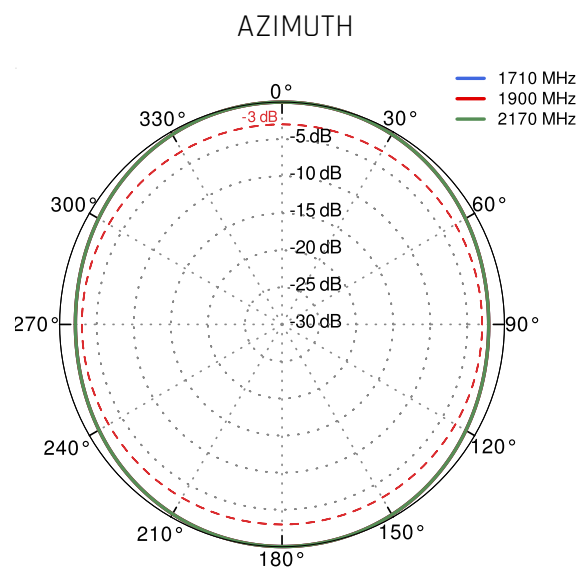
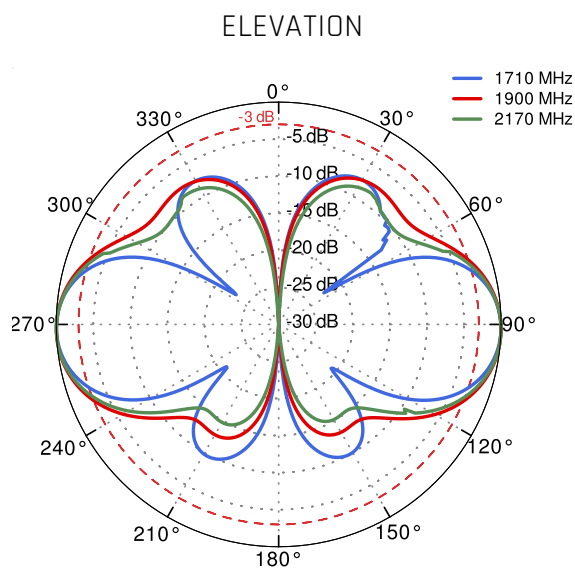
Gain for LTE antenna



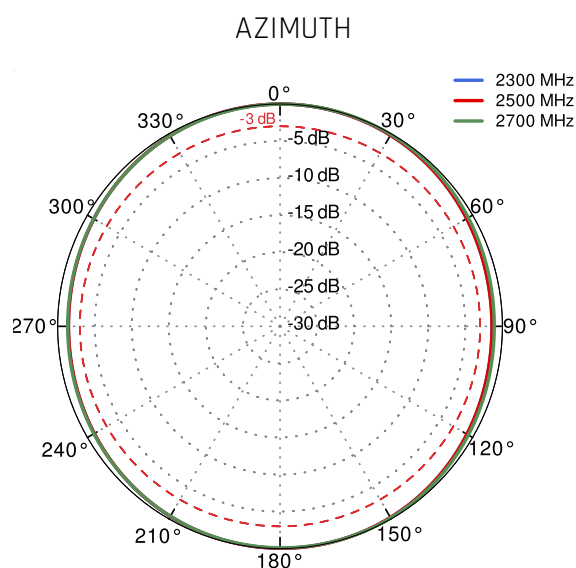
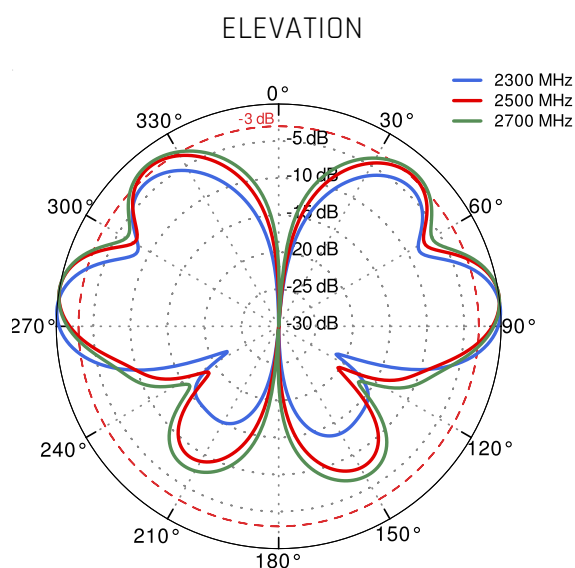
## LTE from 700MHz to 900MHz



## LTE from 1.71GHz to 2.17GHz



LTE from 2.3GHz to 2.7GHz



## DIMENSIONS

