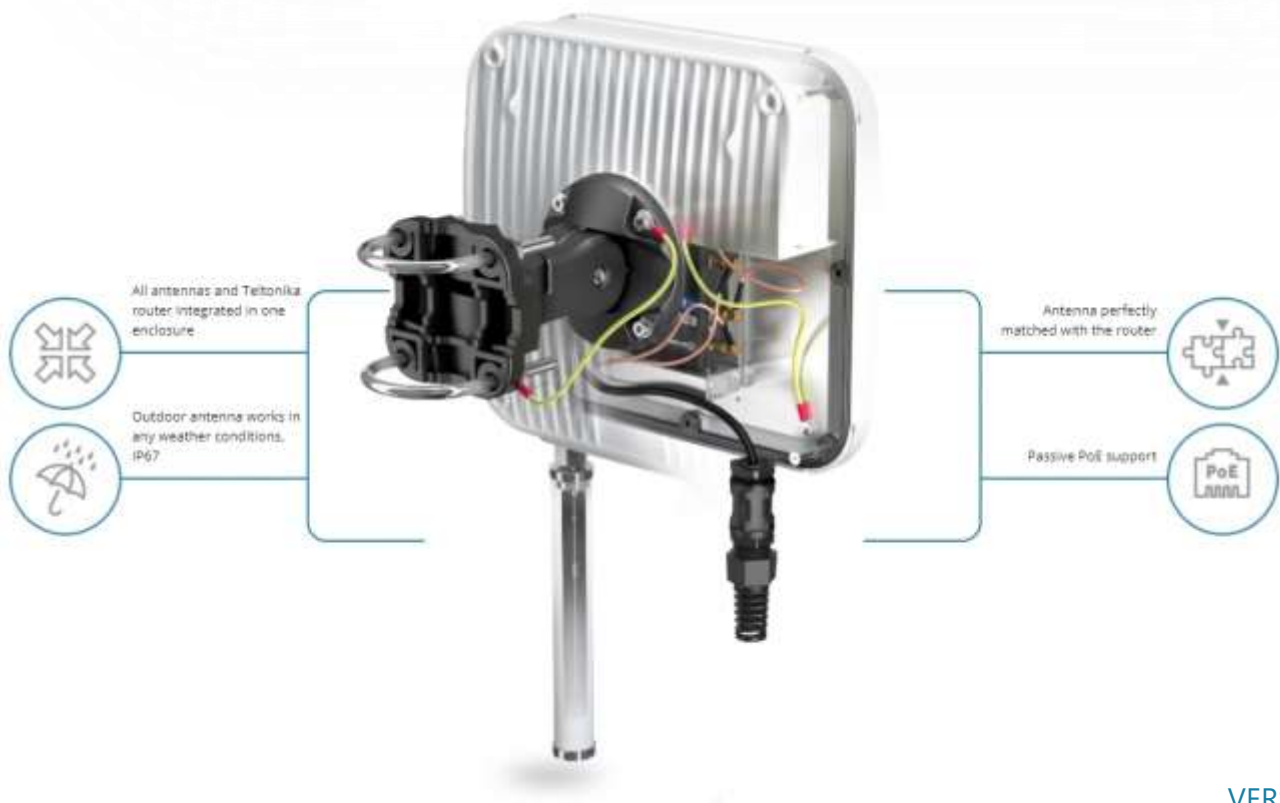


# QuMax for RUT240/230

P/N:A240M

## INTEGRATED OUTDOOR MULTI-BAND HIGH POWER LTE DIRECTIONAL ANTENNA + OUTDOOR WI-FI OMNI ANTENNA + PLACE TO INSTALL TELTONIKA RUT240 OR 230 (ALL-IN-ONE)

QuMAX offers the most powerful directional LTE antenna of all QuWireless antennas. It is dedicated to connections with long distance to base station. It is designed to have Teltonika RUT240 or RUT230 router installed inside the IP67 enclosure. It is the first choice for fixed installations in the industrial environment. It has embedded also outdoor Wi-Fi Omni antennas. NOTE: For RUT230 one LTE antenna is unplugged.



VERSION 1.01

## OUTDOOR

Use Teltonika router wherever you want

## ANTENNA

Maximize your signal with QuWireless antennas

## SOLUTION

Plug Teltonika router and you are good to go

**LTE SPECIFICATION**

FREQUENCY	0.694-0.96 GHz 1.7 - 2.2 GHz 2.2 - 2.7 GHz
GAIN	0.694 - 0.96 GHz : 4 dBi 1.7 - 2.2 GHz : 5 dBi 2.2 - 2.7 GHz : 6 dBi
VSWR	<1.30, max <1.80
BEAMWIDTH	90°/90° ±30°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

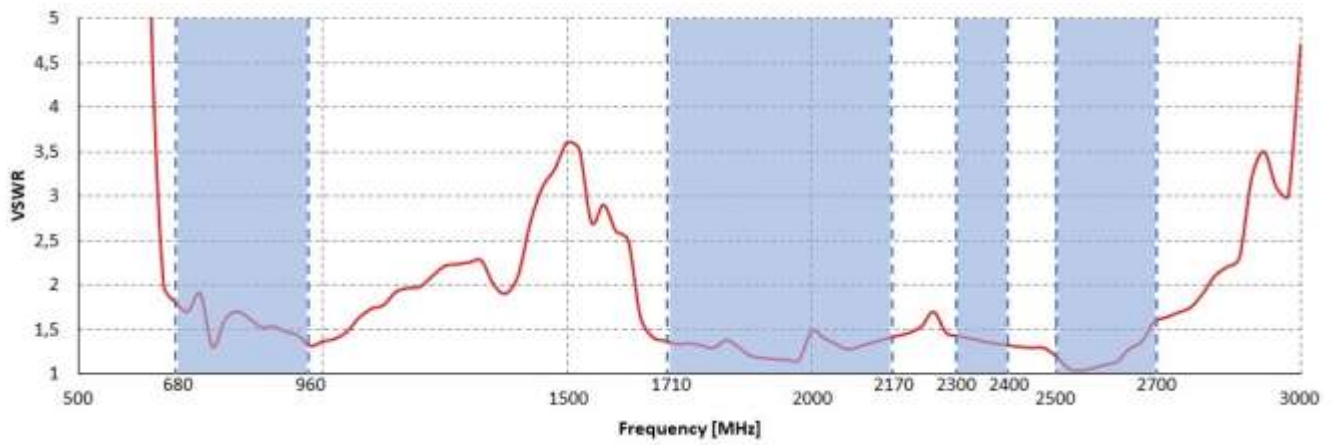
**WI-FI SPECIFICATION**

FREQUENCY	2.40-2.50 GHz
GAIN	6 dBi 7 dBi
VSWR	<1.70, max <2.00
BEAMWIDTH	360°/25° +/- 5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

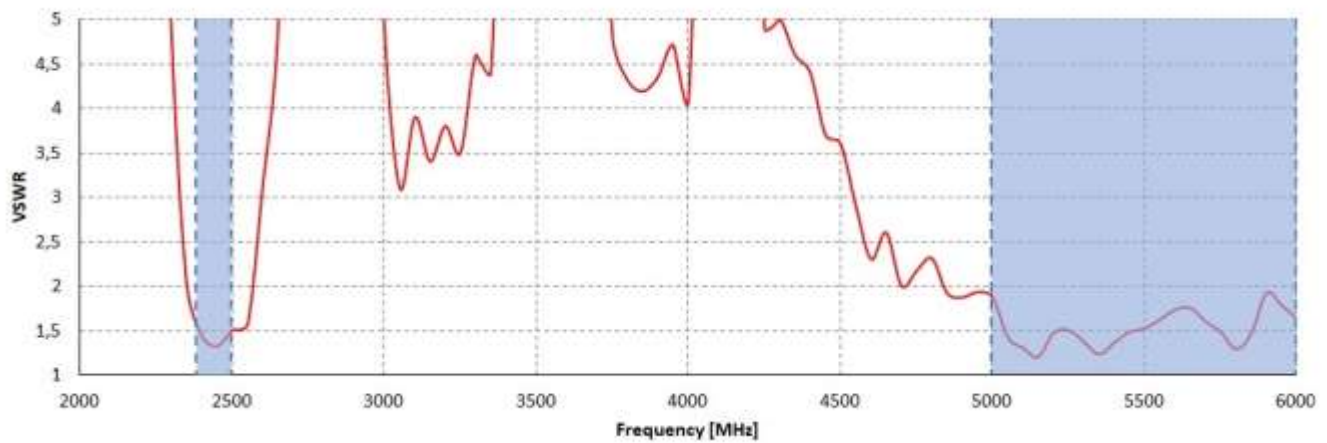
**MECHANICAL SPECIFICATION**

MATERIALS	ABS, aluminum, PTFE, Fiberglass
INGRESS PROTECTION	IP67
CONNECTOR TYPE	RJ45 + Nf + Nm in external omni wi-fi antenna
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

## VSWR for LTE antenna

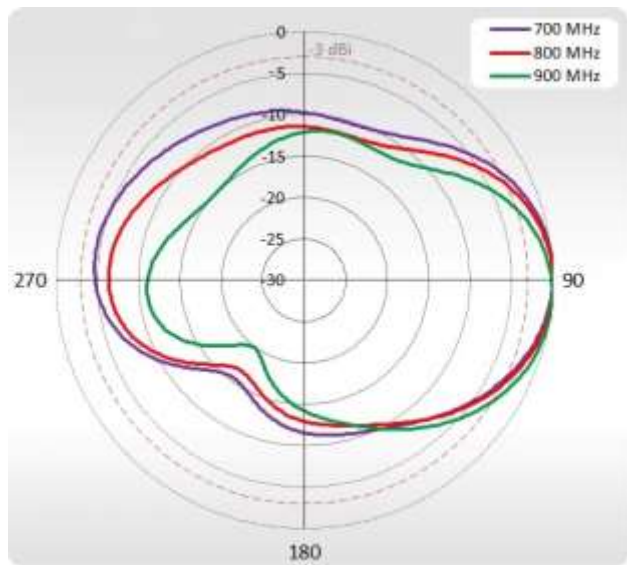


## VSWR for Wi-Fi antenna

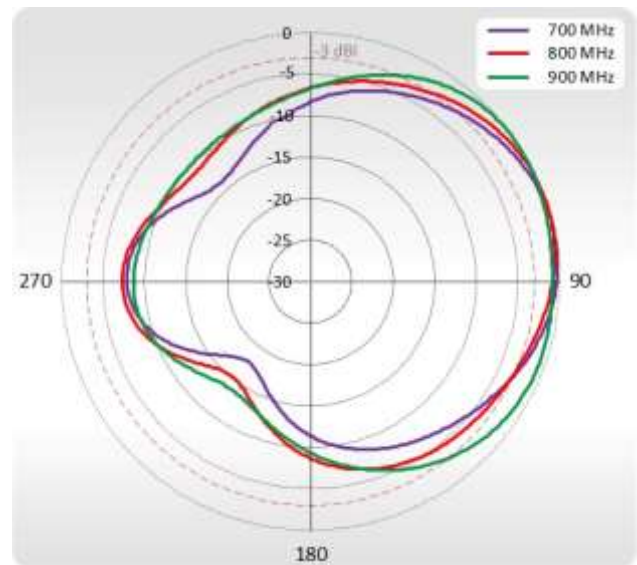


## PLOTS

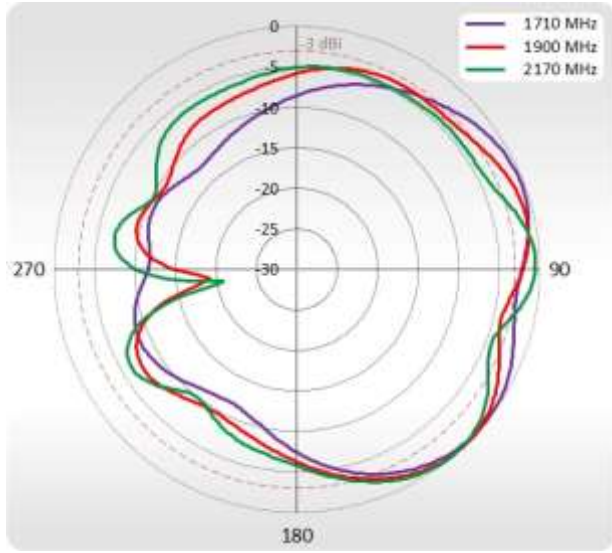
700-900 MHz Azimuth



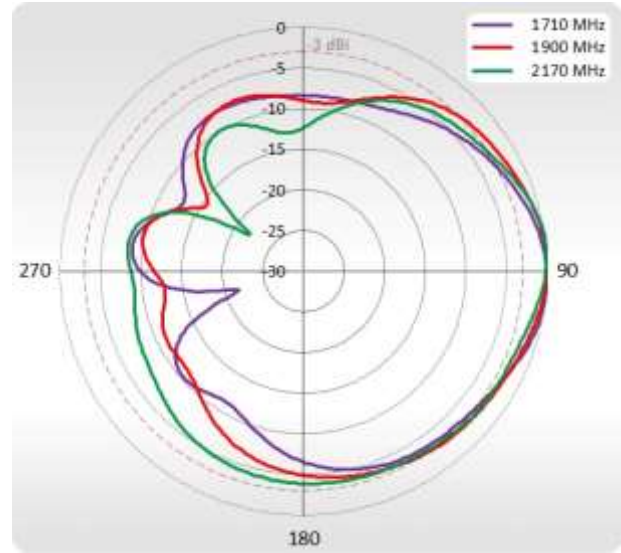
700-900 MHz Elevation



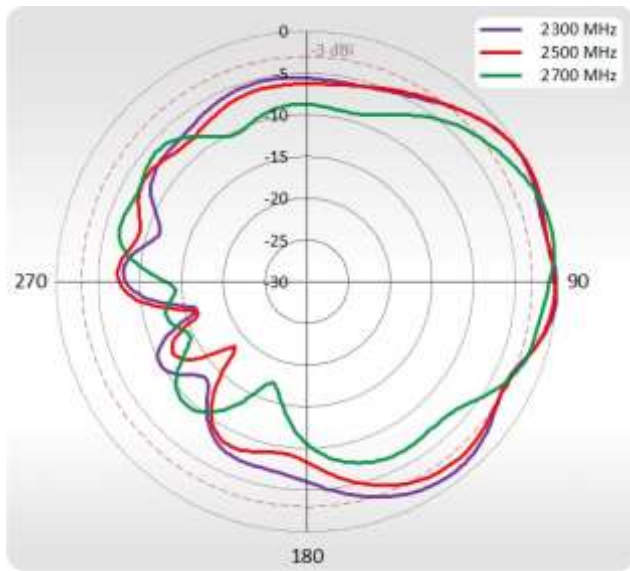
1710-2170 MHz Azimuth



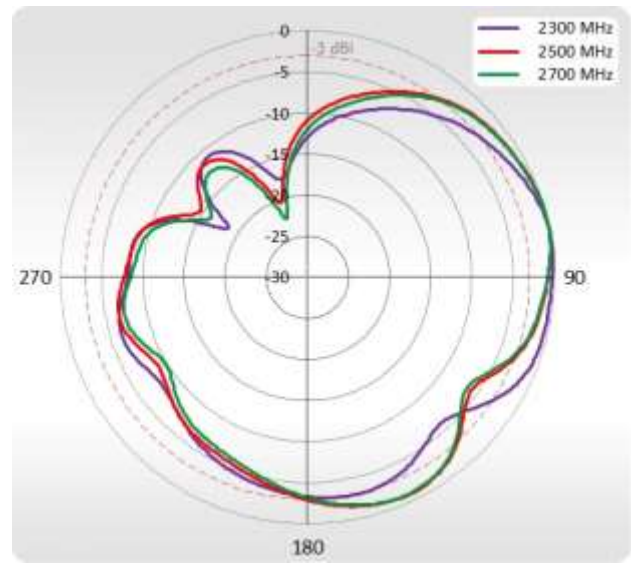
1710-2170 MHz Elevation



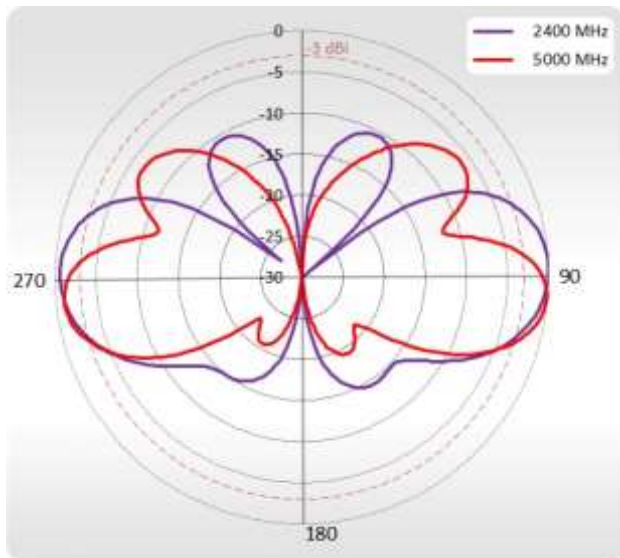
2300-2700 MHz Azimuth



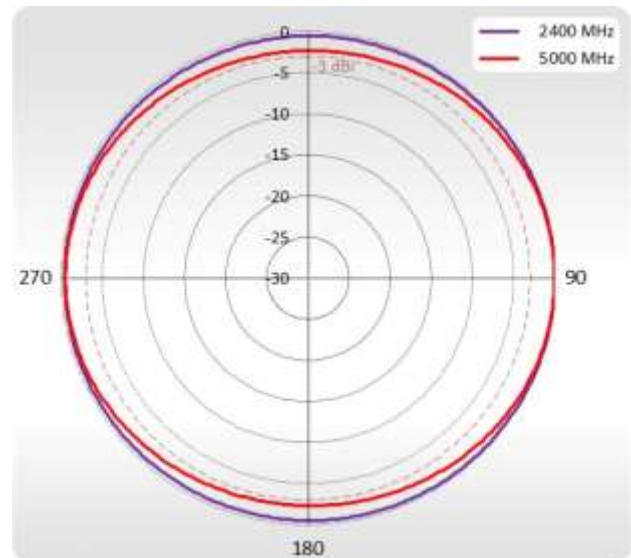
2300-2700 MHz Elevation



Wi-Fi Azimuth



Wi-Fi Elevation



## DEVICE SPECIFICATION



Small and reliable cellular router with 3G & WiFi. Equipped with Ethernet and I/O. RUT230 is perfect for challenging applications within energy, industry, smart city and IoT sectors.

[RUT230 Datasheet](#)

[RUT230 User Manual](#)

[RUT230 Quick Start Guide](#)

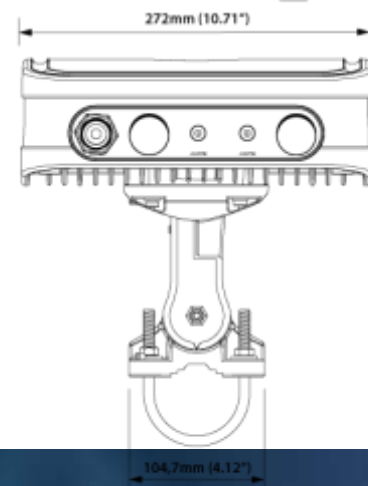
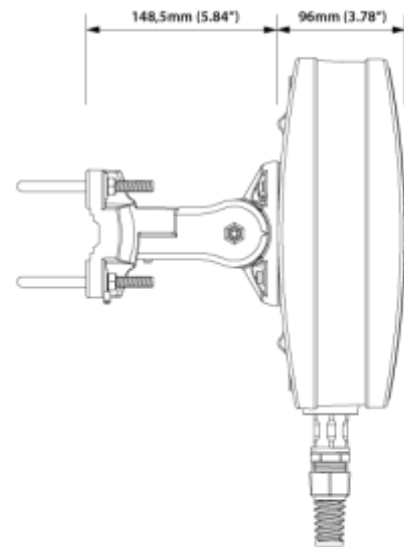
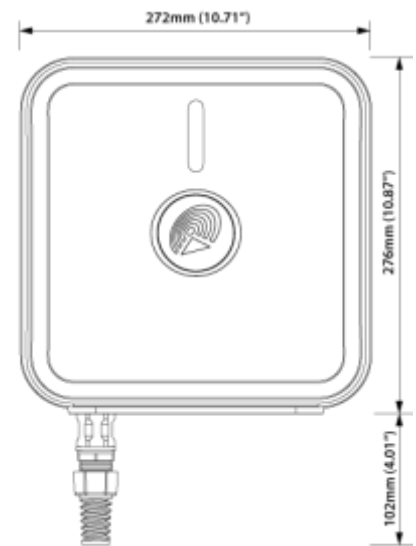


Compact but powerful 4G LTE & WiFi cellular router with Ethernet and I/O. Great for quick deployment in mission critical IoT applications where advanced Networking, VPN and security features are needed.

[RUT240 Datasheet](#)

[RUT240 User Manual](#)

## DIMENSIONS



### HEADQUARTER:

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