

QuMax for RUTX11

P/N: AX11M

INTEGRATED OUTDOOR LTE HIGH POWER DIRECTIONAL ANTENNA + OUTDOOR WI-FI DUAL BAND 2.4 & 5 GHZ OMNI ANTENNA + BLUETOOTH ANTENNA + GPS ANTENNA + PLACE TO INSTALL TELTONIKA RUTX11 (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 RUTX11 router installed inside IP67 enclosure. It is the first choice for fixed installations in the industrial environment. It also has an embedded GPS antenna, Bluetooth and outdoor Wi-Fi dual-band 2.4 & 5 GHz Omni antennas.



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
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
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 4.70 - 6.00 GHz
GAIN	2.40 - 2.50 GHz : 6 dBi 4.70 - 6.00 GHz : 7 dBi
VSWR	<1.70, max <2.00
BEAMWIDTH	360°/25° +/- 5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

BLUETOOTH SPECIFICATION

FREQUENCY	2.40-2.50 GHz
GAIN	3 dBi
VSWR	<1.70, max <2.00
BEAMWIDTH	360°/25° +/- 5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE, FR4, Fiberglass
INGRESS PROTECTION	IP67
CONNECTOR TYPE	RJ45 + 2xNf + 2xNm 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

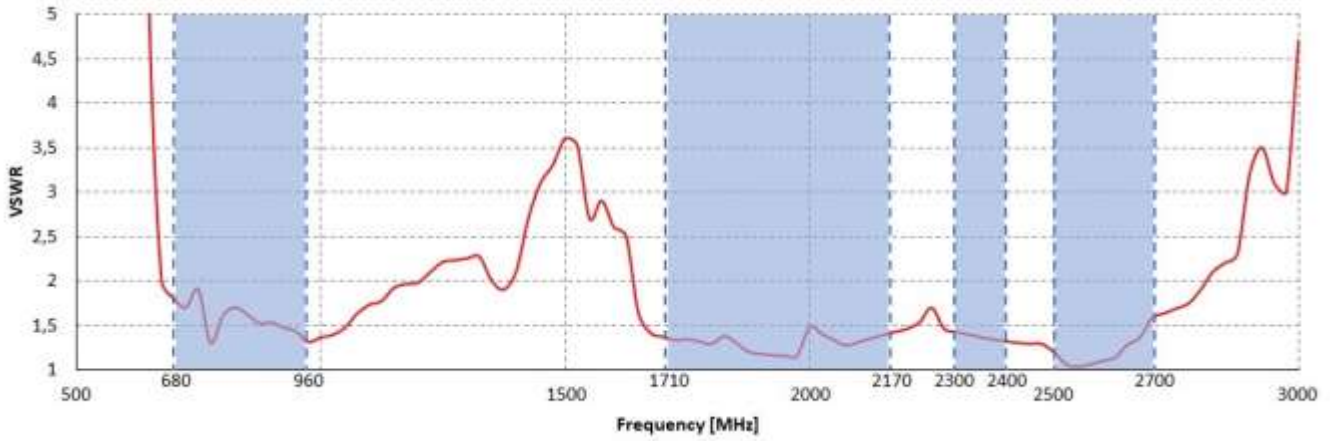
3.97 lbs

OPERATING TEMPERATURE

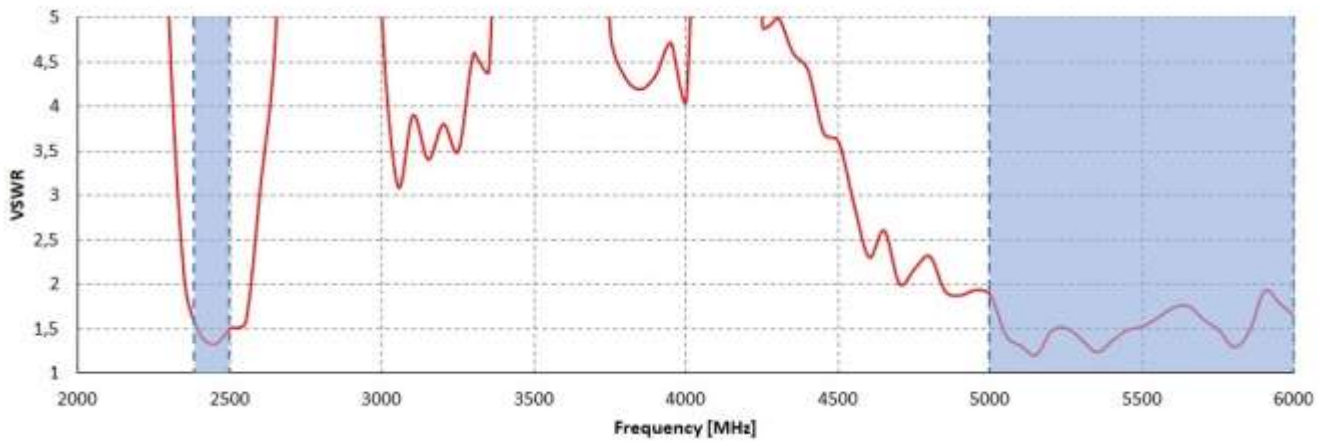
From -40°C to 75°C

From -40°F to 167°F

VSWR for LTE antenna



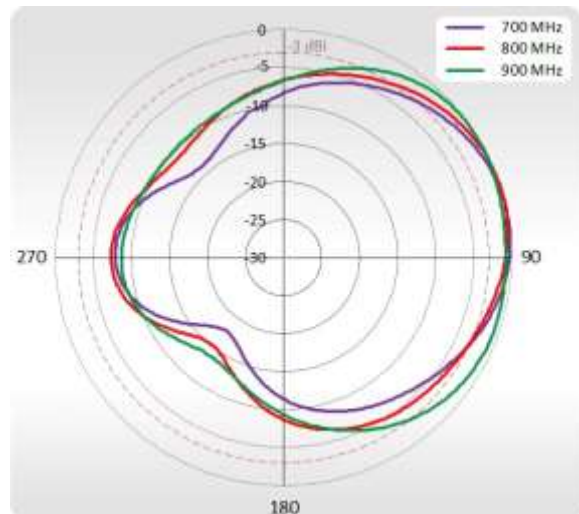
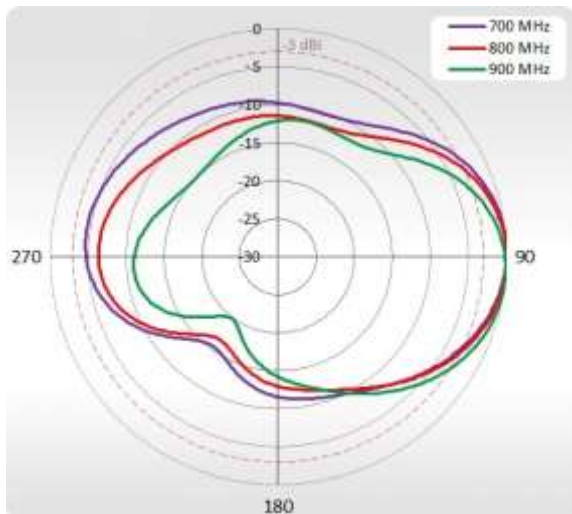
VSWR for Wi-Fi antenna



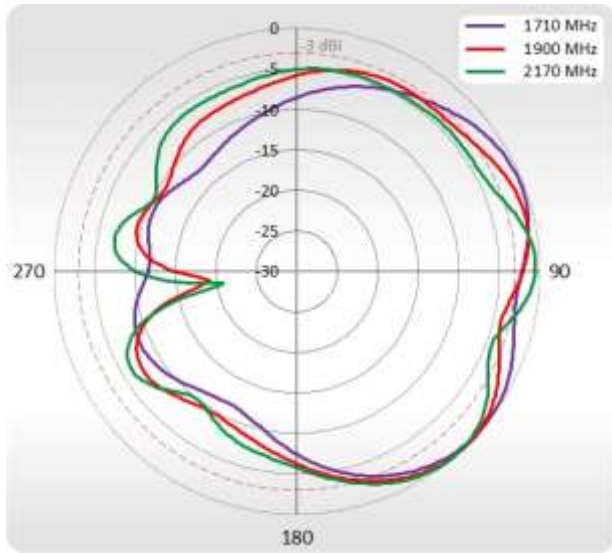
PLOTS

700-900 MHz Azimuth

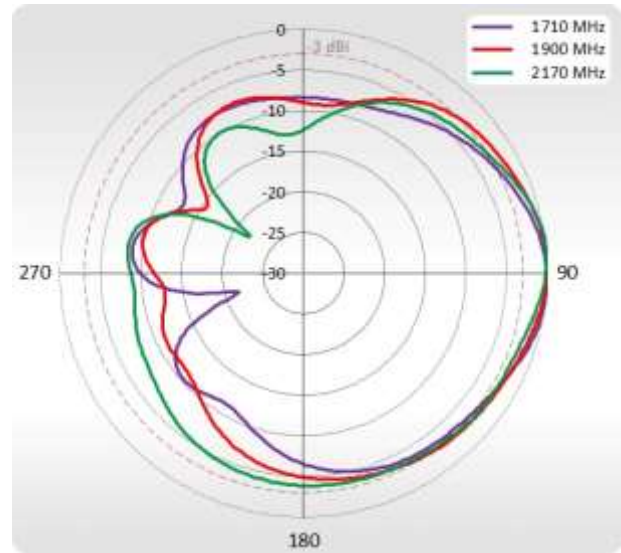
700-900 MHz Elevation



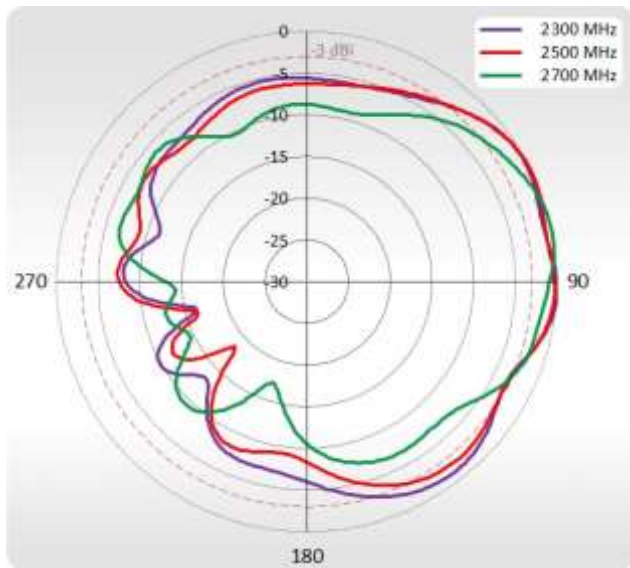
1710-2170 MHz Azimuth



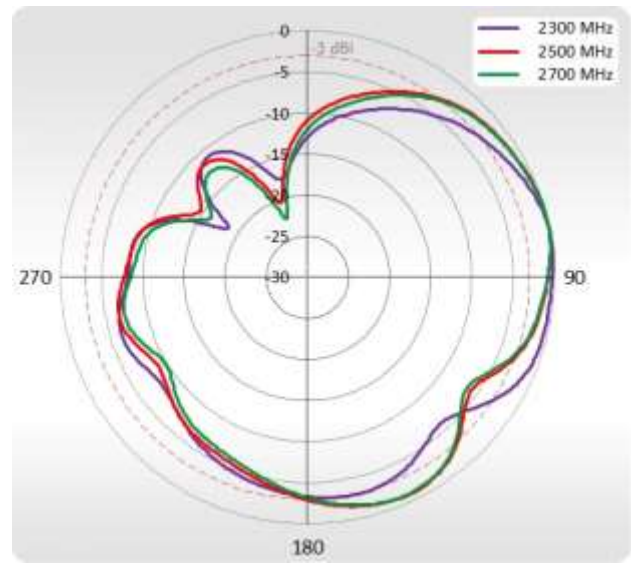
1710-2170 MHz Elevation



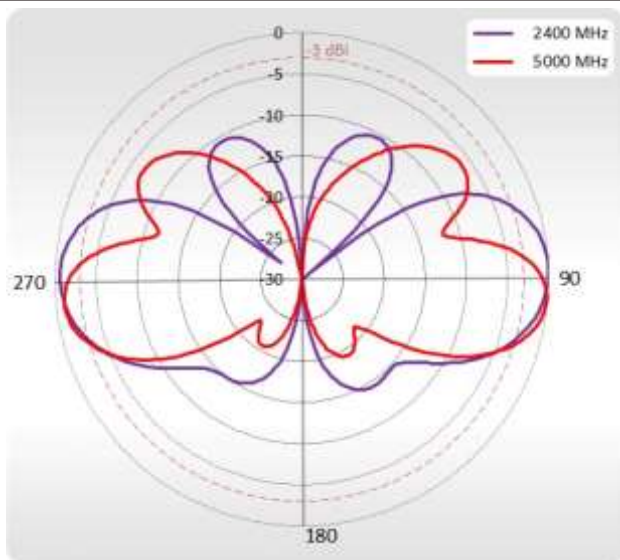
2300-2700 MHz Azimuth



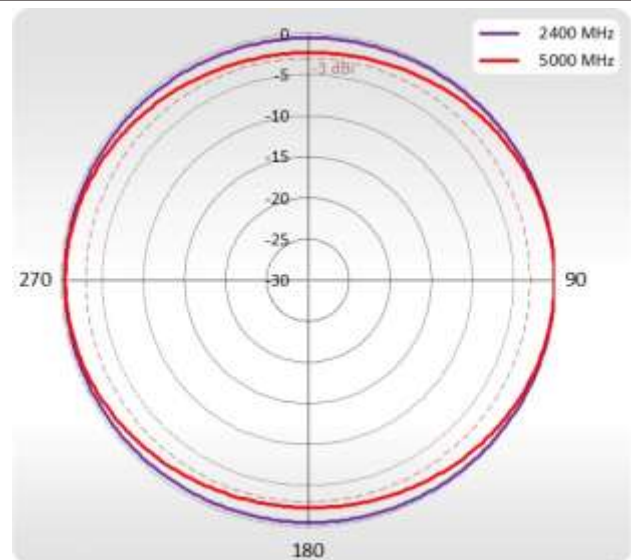
2300-2700 MHz Elevation



Wi-Fi Azimuth



Wi-Fi Elevation



DEVICE SPECIFICATION

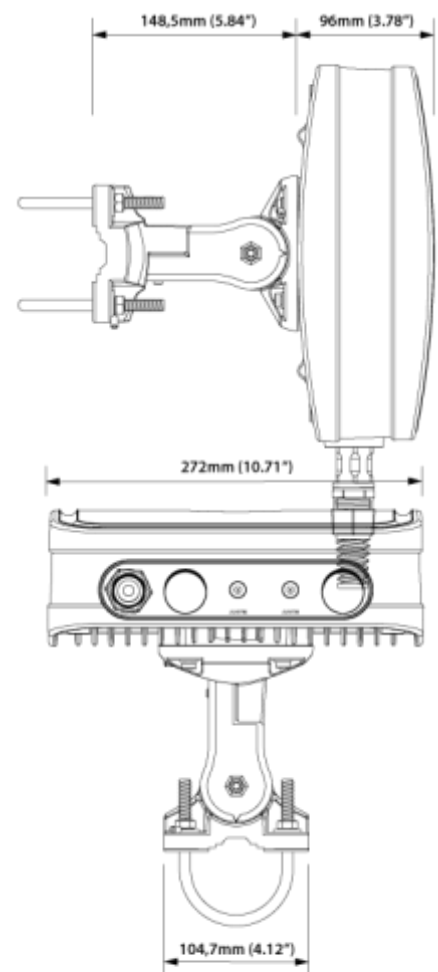
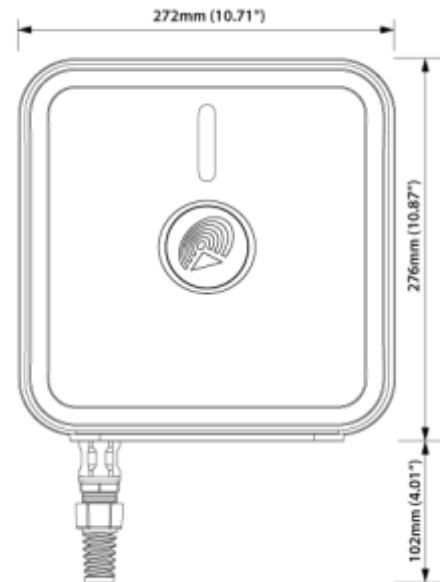


Most powerful and feature rich device within Teltonika Networking products range. Equipped with Dual-SIM, 4 x Gigabit Ethernet ports, Dual-Band AC WiFi, Bluetooth LE and USB interfaces. RUTX11 comes with all RutOS software and security features. This device is perfect for advanced Industrial and Enterprise applications.

[RUTX11 Datasheet](#)

[RUTX11 Quick Start Guide](#)

DIMENSIONS



HEADQUARTER:

Wireless Instruments sp. z o.o.

ul. Kościuszki 27

52-116 Iwiny

POLAND

sales@quwireless.com

tel 1. +48 601 366 369

tel 2. +48 577 667 761

www.quwireless.com