

# QuPanel XR LoRa 868MHz Nf

## Directional 868MHz Nf LoRa outdoor antenna

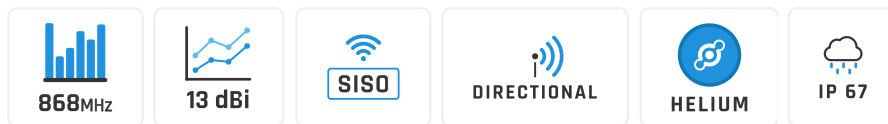
QuPanel XR LoRa EU operates at 868MHz (EU868, IN865, RU864) with 12.5dBi gain. Experience unparalleled reach with this high-gain directional antenna. Its advanced design enables your LoRa devices to communicate effectively over long distances, even in challenging outdoor environments. Comparing to omnidirectional antenna, sector antenna transmits signal to a farther distance because of the antenna's directional gain.

Advanced mounting system gives significant advantage that it can be adjusted in the range of +/-35 degrees in two planes, also in case of wall mounting.

Unlock the full potential of your LoRa-based IoT applications with our directional, outdoor LoRa antenna.

Experience extended range, reduced interference, and enhanced connectivity for your LoRa networks. Trust in its durability, precision, and ease of installation to elevate the performance of your IoT solutions.

Using integrated Nf connectors allows to connect cables of any length.



## ANTENNA SPECIFICATION

<b>FREQUENCY</b>	868 MHz (EU868, IN865, RU864)
<b>GAIN</b>	12.5 dBi
<b>VSWR</b>	<1.80, max <2.00
<b>BEAMWIDTH</b>	90°/30° ±30°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω
<b>FRONT TO BACK</b>	>24 dB

## MECHANICAL SPECIFICATION

<b>MATERIALS</b>	ABS, aluminum, PTFE, Fiberglass
<b>CONNECTOR TYPE</b>	NF
<b>INGRESS PROTECTION</b>	IP67
<b>DIMENSIONS</b>	486x290x70 mm 19.13x11.42x2.75 inch
<b>WEIGHT</b>	2.0 kg 4.4 lbs
<b>OPERATING TEMPERATURE</b>	From -40°C to 75°C From -40°F to 167°F

**MAST DIAMETER**

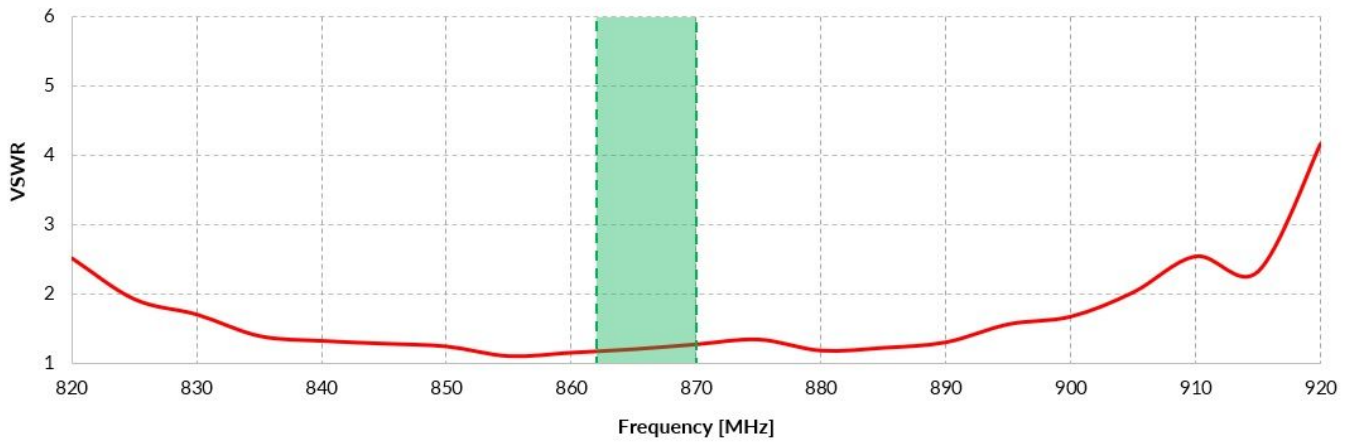
25-66mm  
0.98-2.60 inch

## **COMPATIBLE ROUTERS**

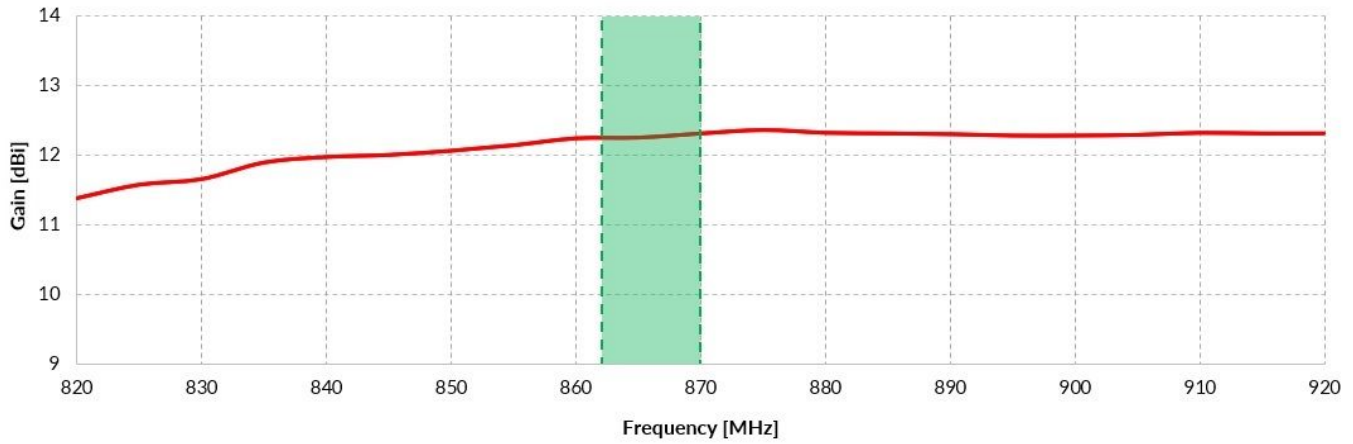
VARIANT: AS868XR-N

## **PLOTS**

VSWR



## Gain



## 868 MHz

