QuPanel XR LoRa 868MHz

Directional 868MHz 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.

868MHz | 13 dBi | SISO | DIRECTIONAL | HELIUM | IP 67

ANTENNA SPECIFICATION

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

MECHANICAL SPECIFICATION

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

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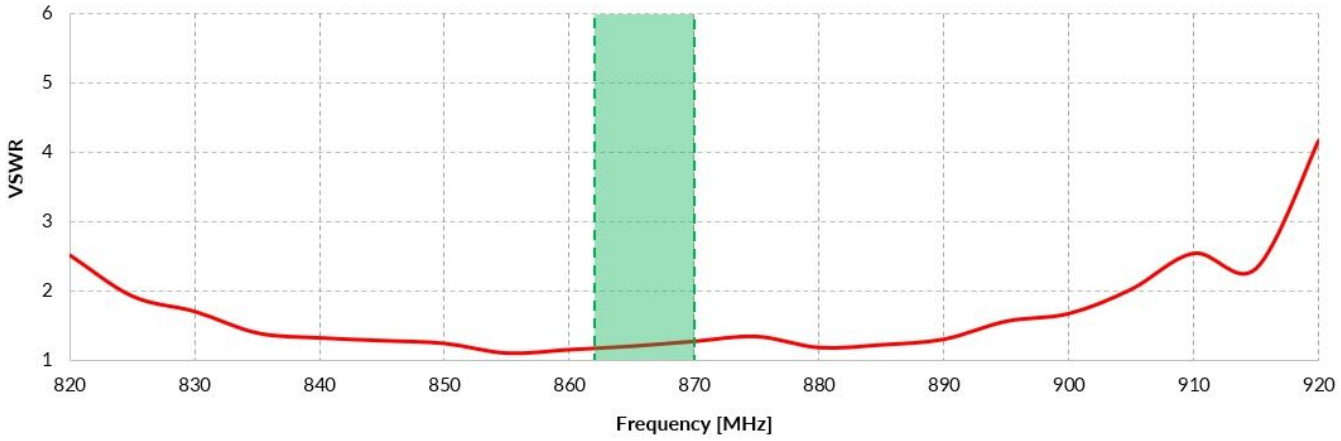
MAST DIAMETER	25-60mm 0.98-2.36 inch

COMPATIBLE ROUTERS

VARIANTS: AS868XR, AS868XR-1

PLOTS

VSWR



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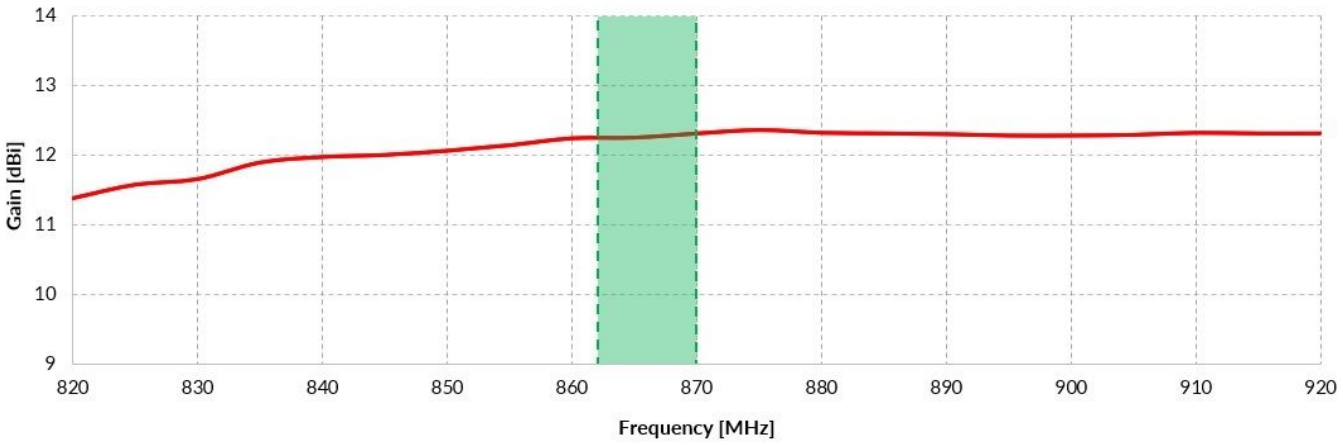
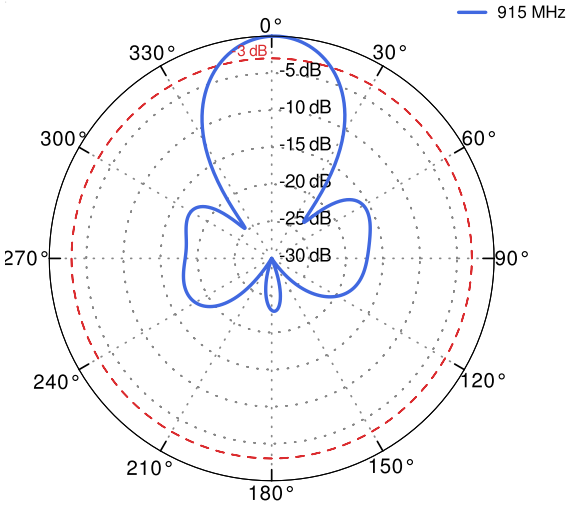
Gain

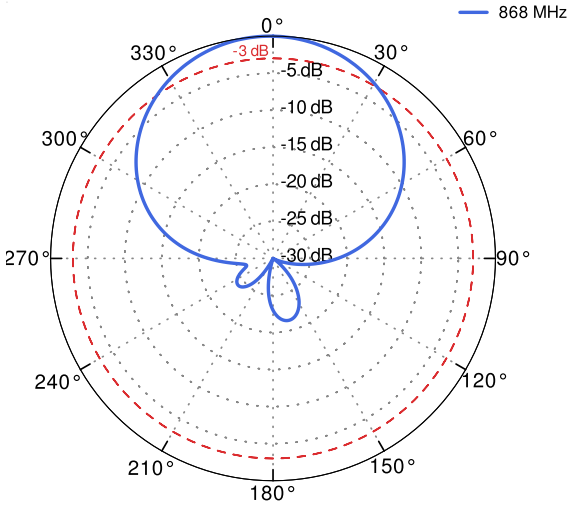


868 MHz

ELEVATION



AZIMUTH



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