QuOmni LoRa

Omnidirectional 868MHz and 915MHz LoRa outdoor antenna

QuOmni LoRa operates at 868MHz (EU868, IN865, RU864) and 915MHz (US915, AU915, AS923, KR920) with 3dBi gain. The outdoor sector antenna is compatible with Helium Network devices like SenseCAP M1 and other IoT Gateways. This omnidirectional antenna radiates signals in all directions, ensuring comprehensive coverage for your LoRa devices. It eliminates the need to align devices precisely, simplifying deployment.
Experience the power of uninterrupted LoRa connectivity with our Omnidirectional Outdoor LoRa Antenna. With 360-degree coverage and robust outdoor durability, this antenna is the key to expanding your LoRa network's capabilities, enabling a wide range of IoT applications in outdoor settings. Trust in its reliability, ease of installation, and superior performance to elevate your outdoor LoRa deployments.

868MHz | 915MHz | 3 dBi | SISO | OMNI DIRECTIONAL | HELIUM | IP 68



ANTENNA SPECIFICATION

FREQUENCY	840-940 MHz (EU868, IN865, RU864, US915, AU915, AS923, KR920)
GAIN	3 dBi
VSWR	<1.20, max <2.00
BEAMWIDTH	360°/70° ±10°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
FRONT TO BACK	>17 dB

MECHANICAL SPECIFICATION

MATERIAL	ASA, aluminum, PTFE
CONNECTOR TYPE	RPSMA / SMA
DIMENSIONS	160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch
WEIGHT	1.5 kg
OPERATING TEMPERATURE	From -40°C to 80°C From -40°F to 176°F
MAST DIAMETER	25-66 mm 0.98-2.60 inch

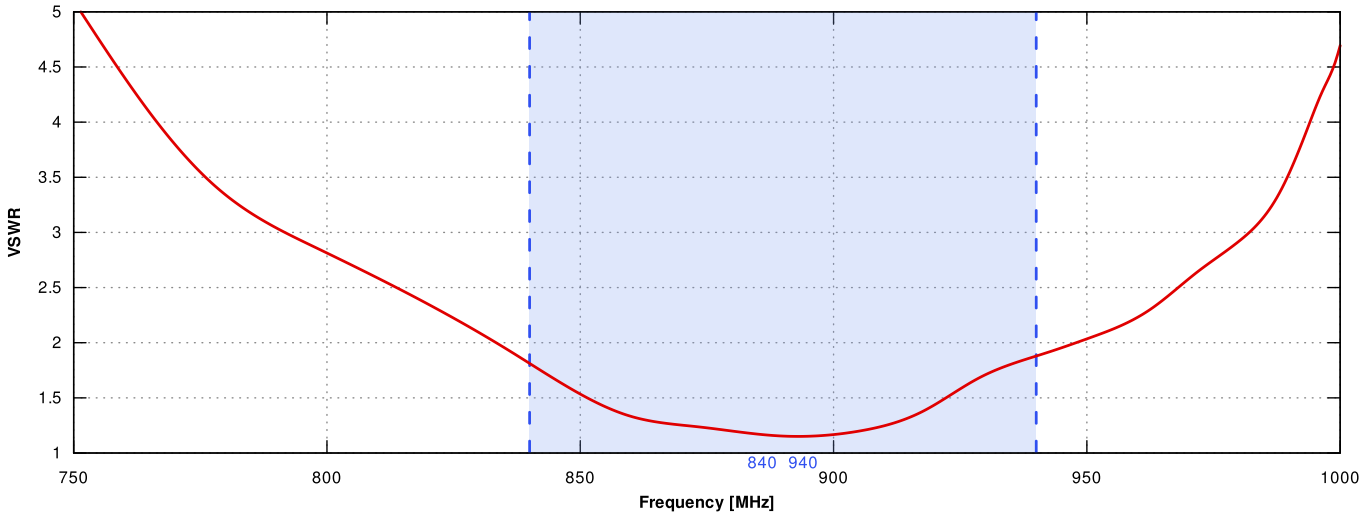
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COMPATIBLE ROUTERS

VARIANTS: AOEUUS, AOEUUS-1, AOEUUS.RS, AOEUUS-1.RS

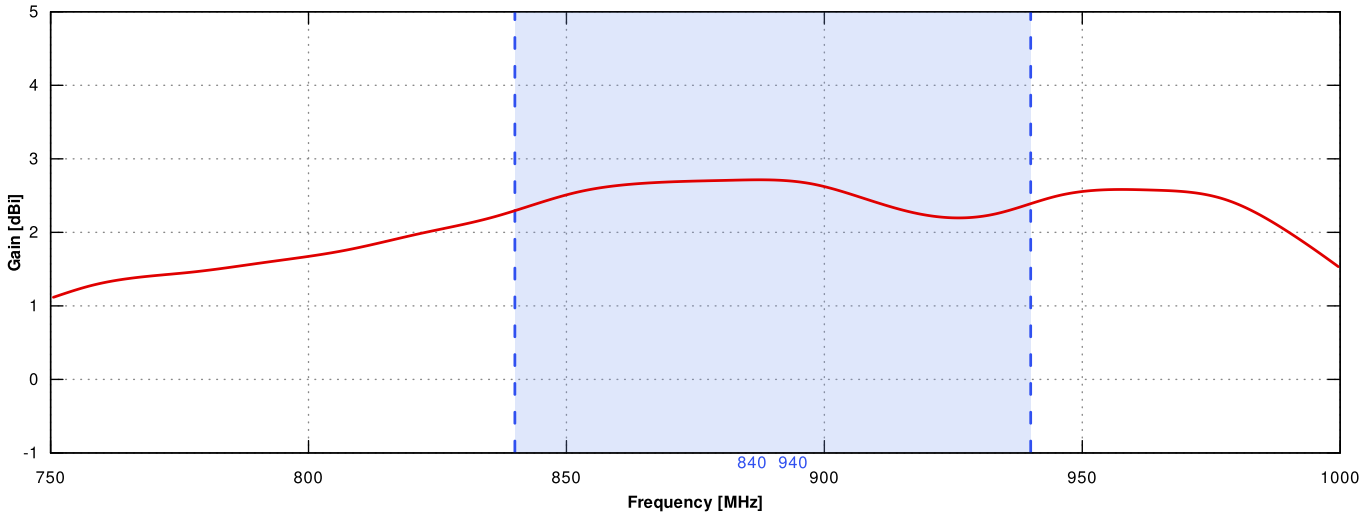
PLOTS

VSWR



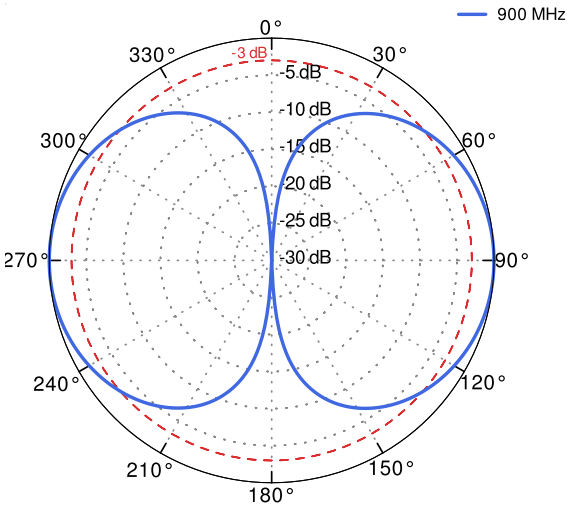
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Gain

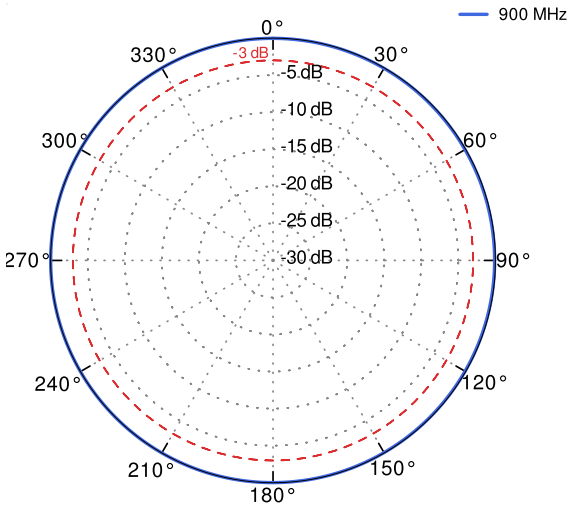


840 to 940 MHz

ELEVATION



AZIMUTH



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