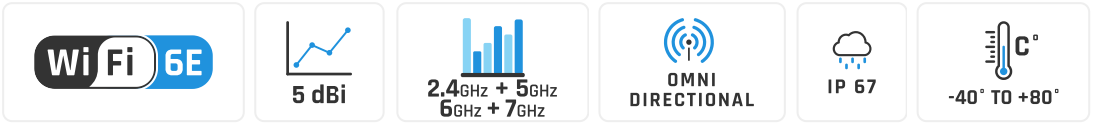
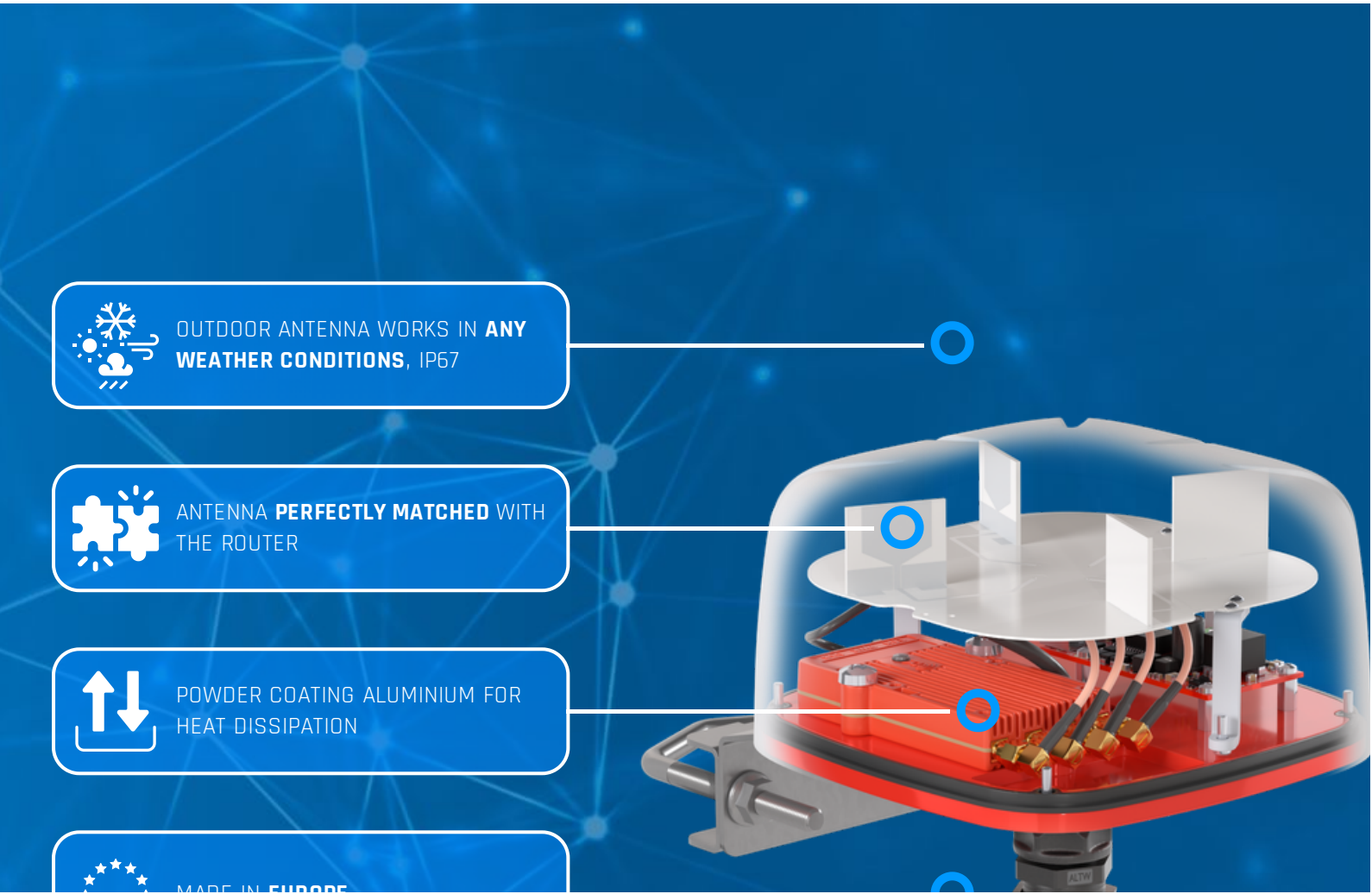
QuShell HD for Rajant Cardinal + PoE Converter

INTEGRATED MULTI-BAND WI-FI OMNI ANTENNA + ACTIVE TO PASSIVE POE CONVERTER + PLACE TO INSTALL RAJANT CARDINAL (ALL-IN-ONE)

The QuShell for Rajant Cardinal is a high-gain mobility antenna designed for reliable connectivity across **2.4GHz** and **5GHz** frequencies, enhancing range, speed, and capacity. It features a built-in **RJ45 Ethernet port** for easy network integration. Encased in a rugged, **IP67-rated enclosure**, it withstands harsh outdoor conditions. The **anodized aluminum antenna base** helps in heat dissipation, while the ASA cover ensures optimal signal performance. Ideal for mobile and industrial environments such as buses, mining, or agriculture.
The set contains a Active to Passive PoE converter, allowing you to power your device with Ethernet cable, while using Active PoE power source and maintain gigabit transfer speeds while protecting the LAN port from damage caused by overvoltage, short circuit or improper connection.





WI-FI SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5 - 7.2 GHz
GAIN	2.4 - 2.5 GHz: 2dBi 5 - 7.2 GHz: 5dBi
VSWR	< 2.50
BEAMWIDTH	360°/25°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
MAX INPUT POWER	50W
DC GROUND	Yes
CONNECTOR TYPE	4x SMA

MECHANICAL SPECIFICATION

MATERIAL	ASA
CONNECTOR	QuRJ45
OUTER DIMENSIONS	160 x 160 x 90 mm 6.3 x 6.3 x 3.54 inch
WEIGHT	1.5 kg
OPERATING TEMPERATURE	-40°C to 80°C -40°F to 176°F

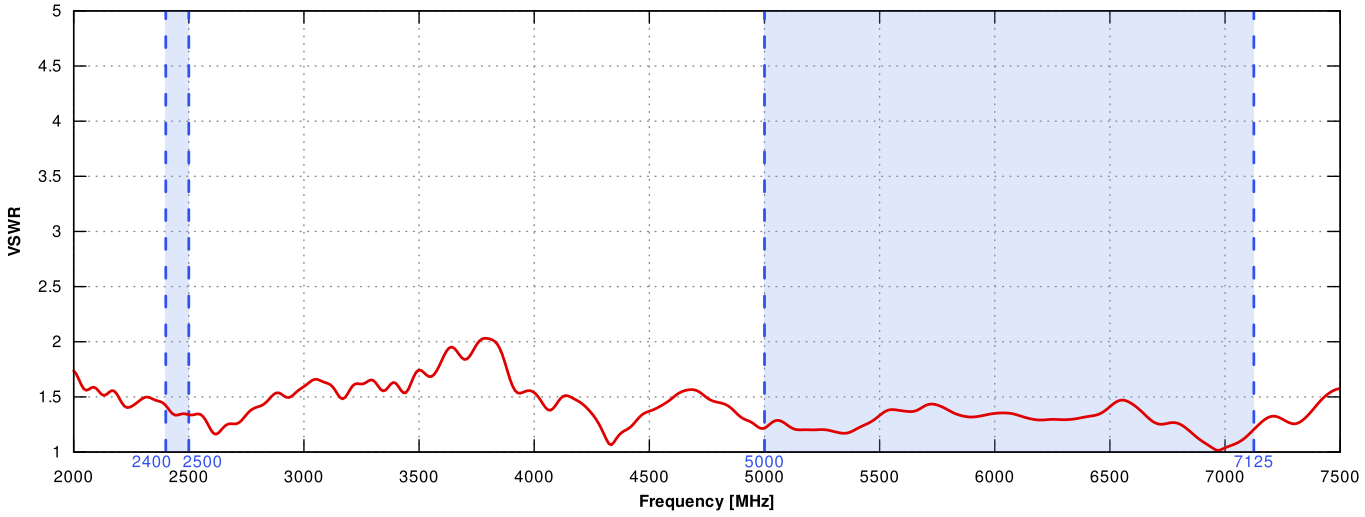
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MOUNTING KIT

MATERIAL	Galvanized steel
WEIGHT	0.4kg
MOUNTING PLACE	Wall or mast
MAST DIAMETER	25-66 mm 0.98-2.60 inch

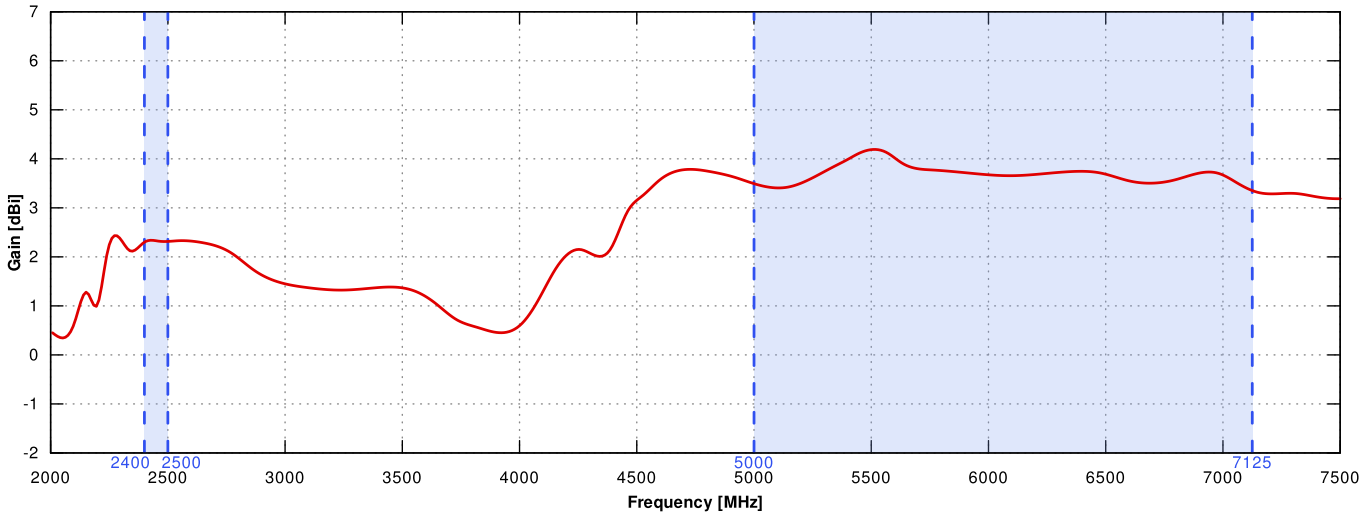
PLOTS

WiFi - V VSWR



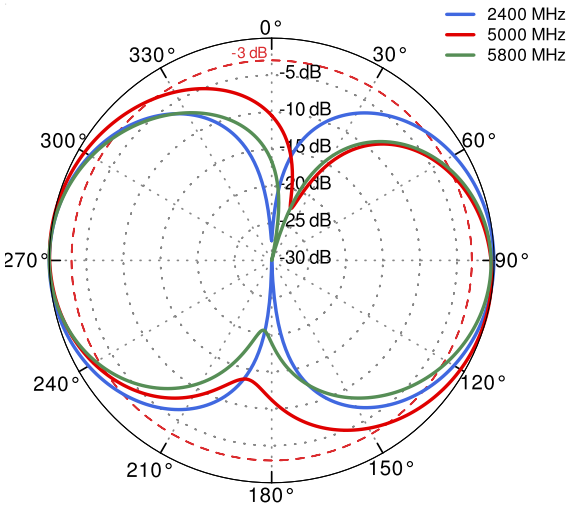
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WiFi - V GAIN

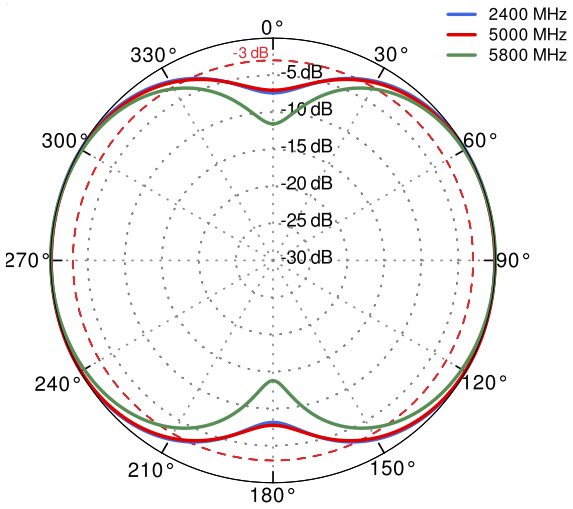


Wi-Fi V From 2.4 GHz to 6.5 GHz

ELEVATION

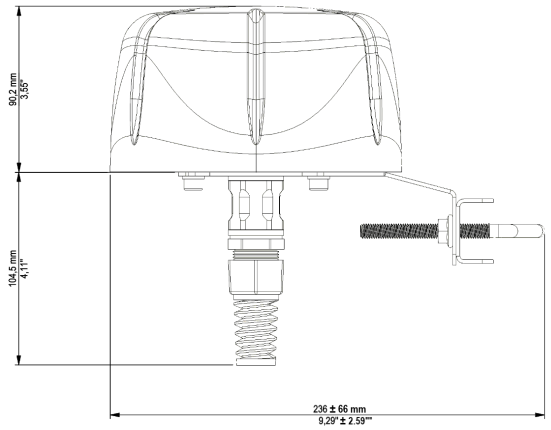


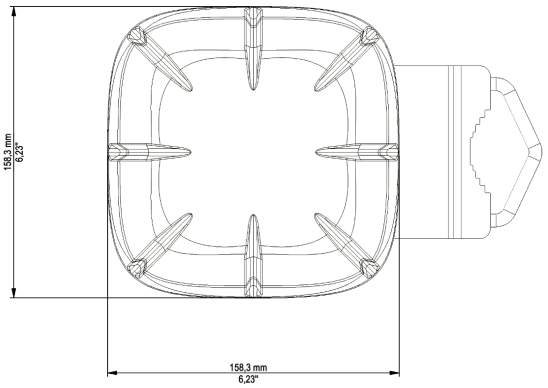
AZIMUTH



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DIMENSIONS





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