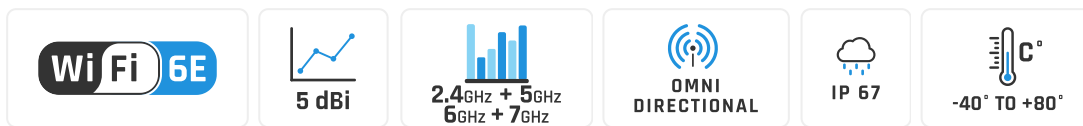


QuShell HD for Rajant Cardinal + PoE Converter

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 ABS 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.

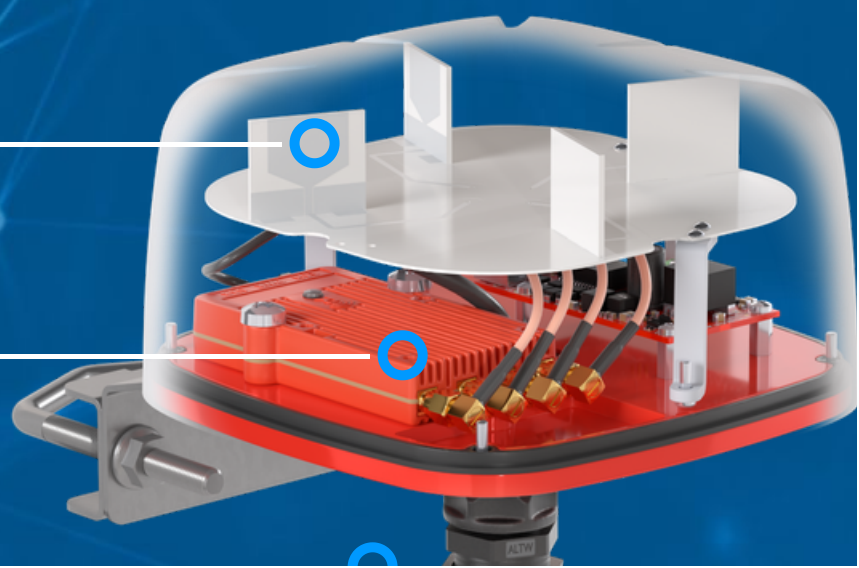


 **OUTDOOR ANTENNA WORKS IN ANY WEATHER CONDITIONS, IP67**

 **ANTENNA PERFECTLY MATCHED WITH THE ROUTER**

 **ANODIZED ALUMINIUM FOR HEAT DISSIPATION**

 **MADE IN EUROPE**



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	ABS
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

MOUNTING KIT

MATERIAL

Galvanized steel

WEIGHT

0.4kg

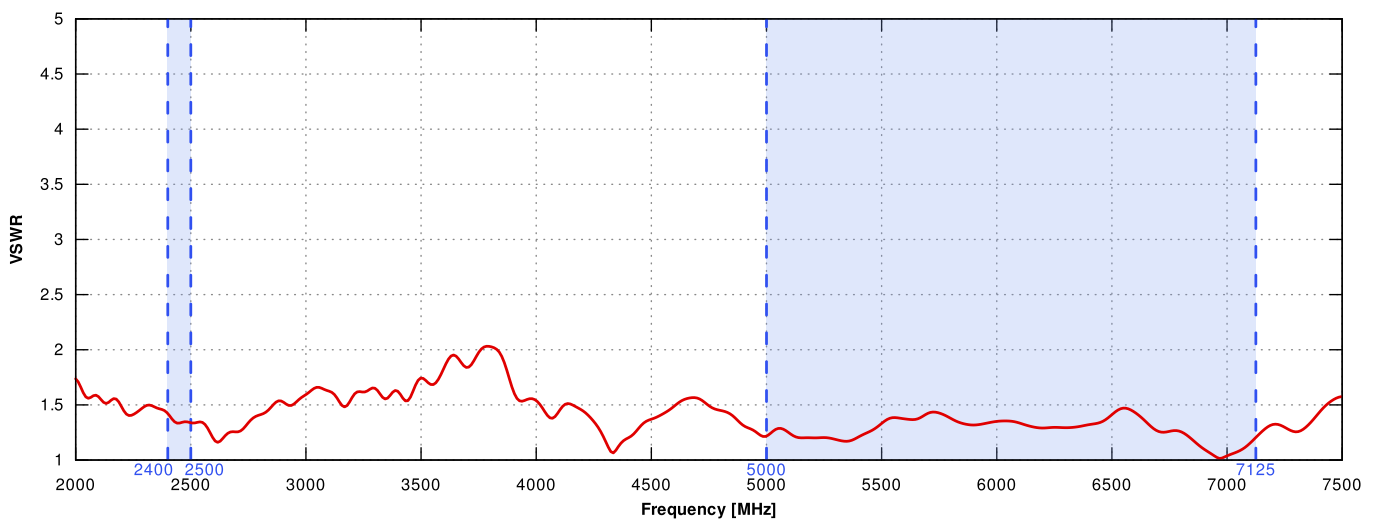
MOUNTING PLACE

Wall or mast

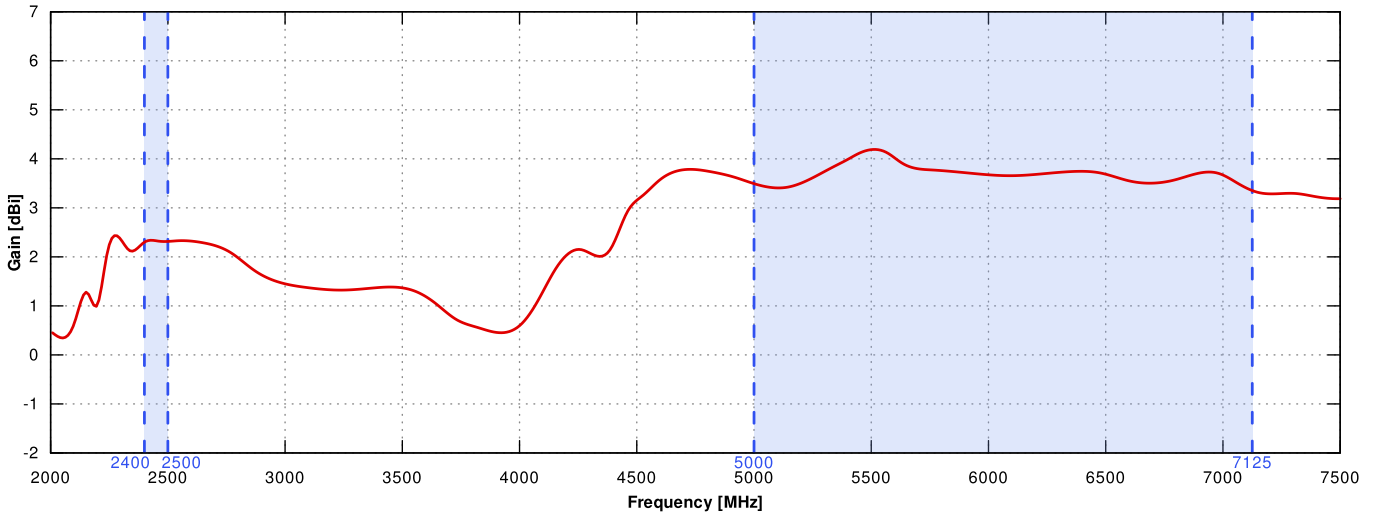
MAST DIAMETER25-66 mm
0.98-2.60 inch

PLOTS

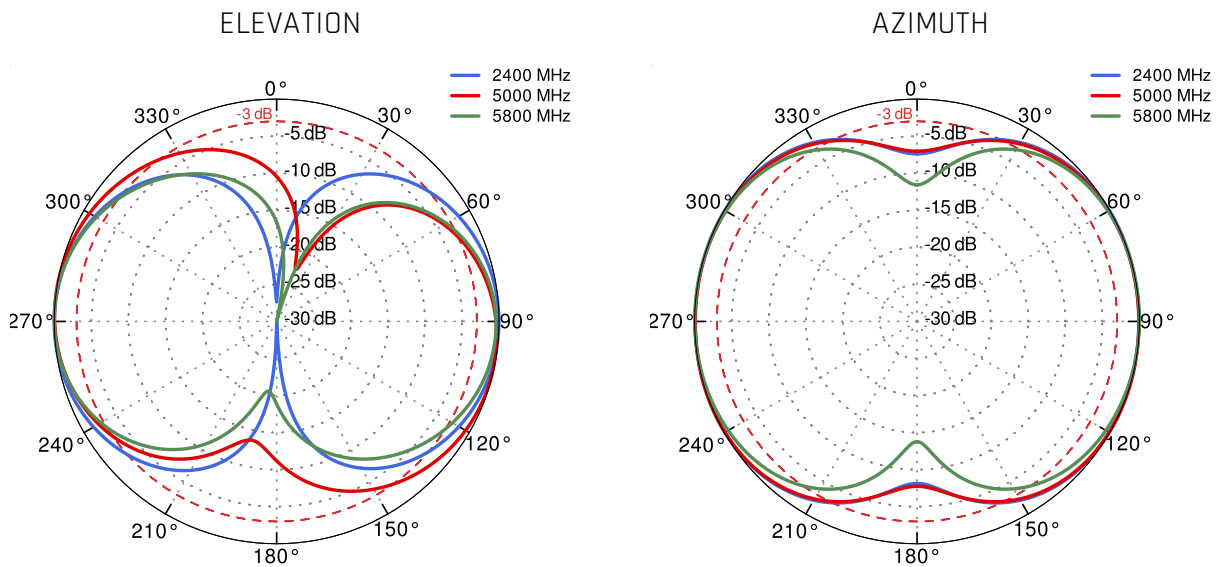
WiFi - V VSWR



WiFi - V GAIN



Wi-Fi V From 2.4 GHz to 6.5 GHz



DIMENSIONS

