

# QuSector 9HV-65-5 Wi-Fi 6E

**QuSector 9HV-65-5 Wi-Fi 6E offers a 65 degrees, 8dBi (2.4GHz) & 9dBi (5GHz-7GHz) gain signal. It is a perfect indoor and outdoor device for industrial installations.**

QuSector 9HV-65-5 is a concurrent dual band, H&V polarity, MIMO 5x5 panel antenna. It simultaneously operates at **2.4GHz** with 8dBi gain and at **5GHz-7GHz** with 9dBi gain. Due to its medium gain, it can be used on short or medium distances, for example for hotspots in schools, stadiums, offices or public places. It is a futureproof solution with **Wi-Fi 6E** and **Wi-Fi 7** support. High quality injection moulded enclosure allows to implement it alongside with indoor and IP68 outdoor solutions. Wide frequency range (2.4-2.5GHz & 5-7.125GHz) helps to find suitable frequency for the most effective operation. It is designed to be applied mainly to special access points working in the systems where two bands (frequencies) are diplexed for one antenna connector. The antenna comes in three configurations, with 5\*70cm (28inch) cables terminated with Nm, RPSMA, RPTNC connectors. QuSector 9HV-65-5 was designed to be a perfect match for your access point.



## WI-FI SPECIFICATION

<b>FREQUENCY</b>	2.4 - 2.5 GHz 5 - 7.125 GHz
<b>GAIN</b>	2.4 - 2.5 GHz: 8 dBi 5 - 7.125 GHz: 9 dBi
<b>VSWR</b>	< 1.80
<b>BEAMWIDTH</b>	2.4 - 2.5 GHz - 65°/65° 5 - 7.125 GHz - 60°/60°
<b>POLARIZATION</b>	Horizontal Vertical
<b>IMPEDANCE</b>	50 $\Omega$
<b>SEPARATION BETWEEN CONNECTORS</b>	2.4 - 2.5 GHz: > 33dB
<b>FRONT-TO-BACK</b>	2.4 - 2.5 GHz: 20dB 4.9 - 6 GHz: 25dB
<b>MAX INPUT POWER</b>	50W
<b>DC GROUND</b>	Yes

## MECHANICAL SPECIFICATION

<b>MATERIAL</b>	ABS
<b>CONNECTOR</b>	5xRPSMA/5xNM/5xRPTNC
<b>OUTER DIMENSIONS</b>	16.5 x 16.5 x 4.5 cm 6.5 x 6.5 x 1.77 inch
<b>WEIGHT</b>	0.9 kg
<b>OPERATING TEMPERATURE</b>	-40°C to +80°C -40°F to 176°F

## MOUNTING KIT

<b>MATERIAL</b>	Galvanized steel
<b>WEIGHT</b>	0.3 kg
<b>MOUNTING PLACE</b>	Mast
<b>MAST DIAMETER</b>	25-66mm 0.98-2.60 inch

## **COMPATIBLE ROUTERS**

VARIANT: S9HV.65.5RT

VARIANT: S9HV.65.5RS

**ACKSYS**

AirBox/12

**JUNIPER NETWORKS**

AP32E

**XIRRUS**

XA4-240

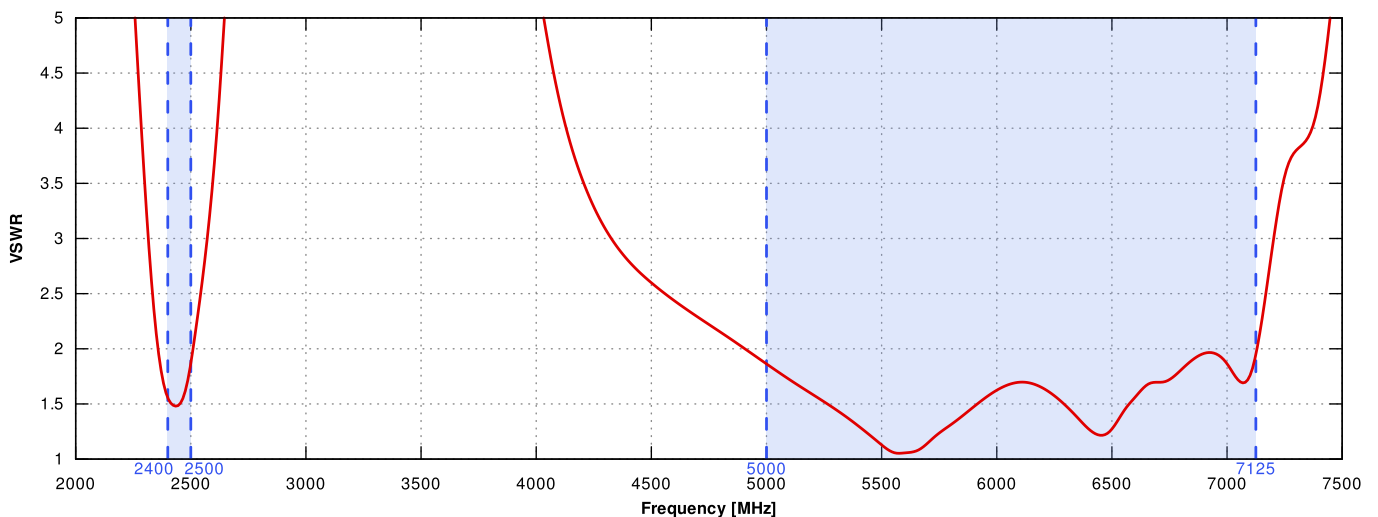
VARIANT: S9HV.65.5NM

**ACKSYS**

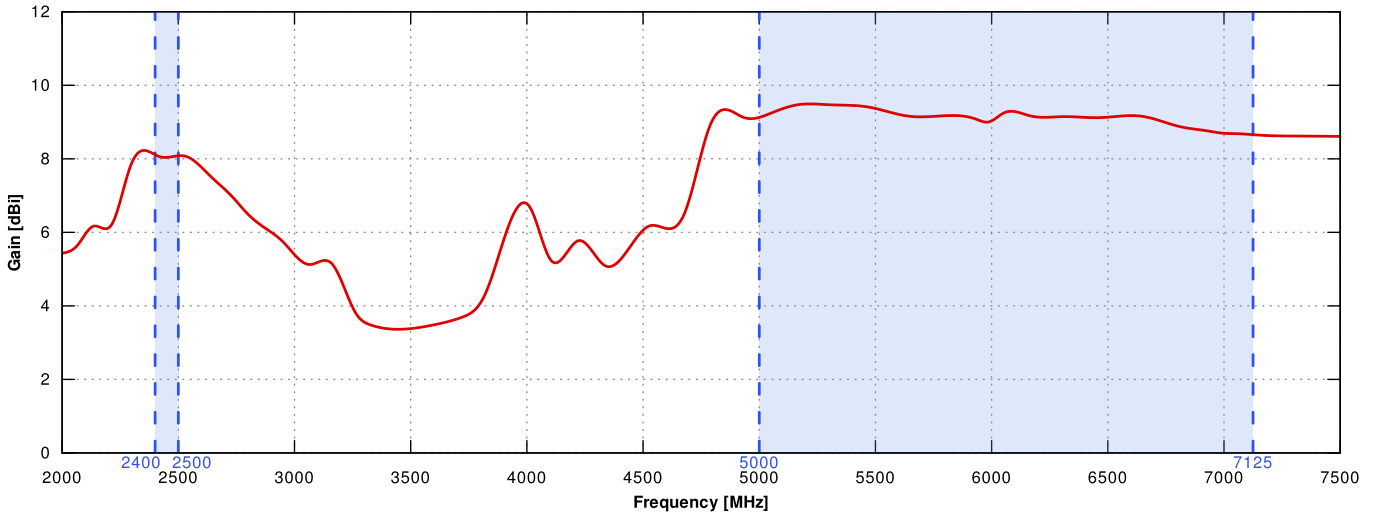
RailTrack

## **PLOTS**

VSWR

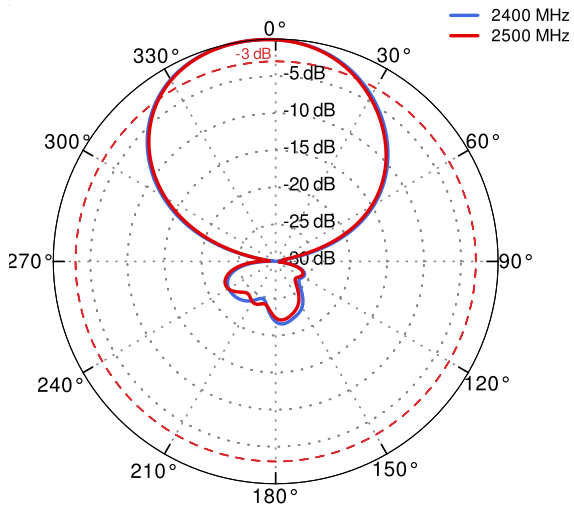


Gain

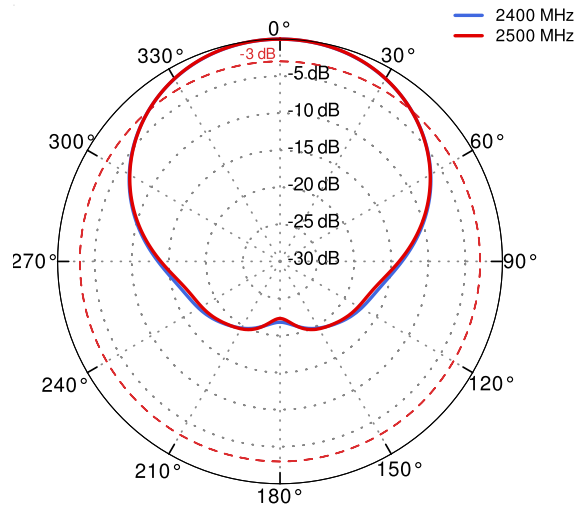


2.4GHz to 2.5GHz

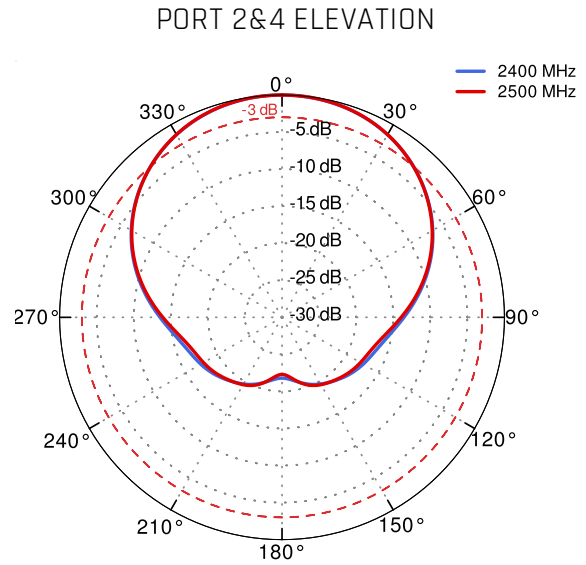
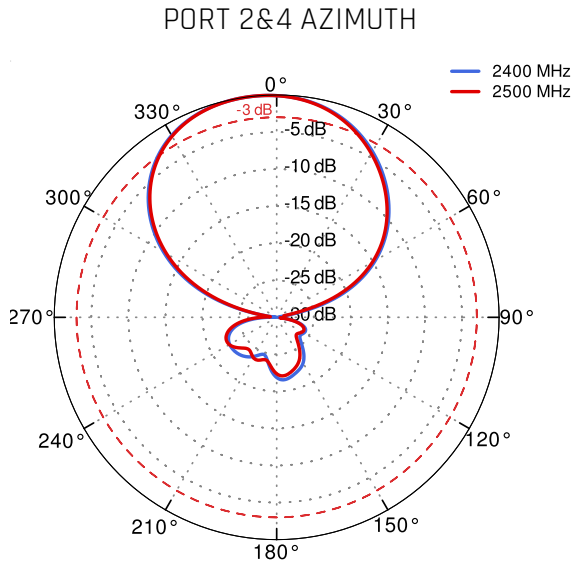
PORT 1&3&5 ELEVATION



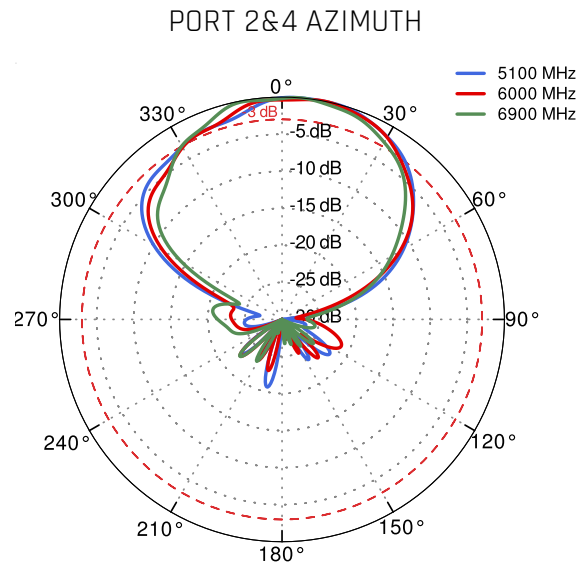
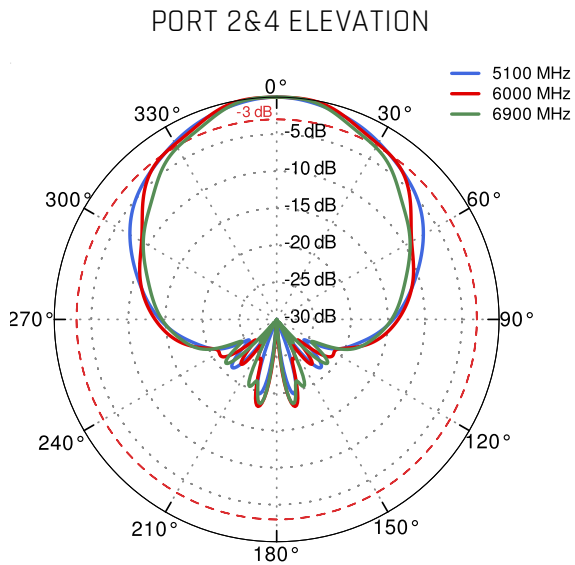
PORT 1&3&5 AZIMUTH



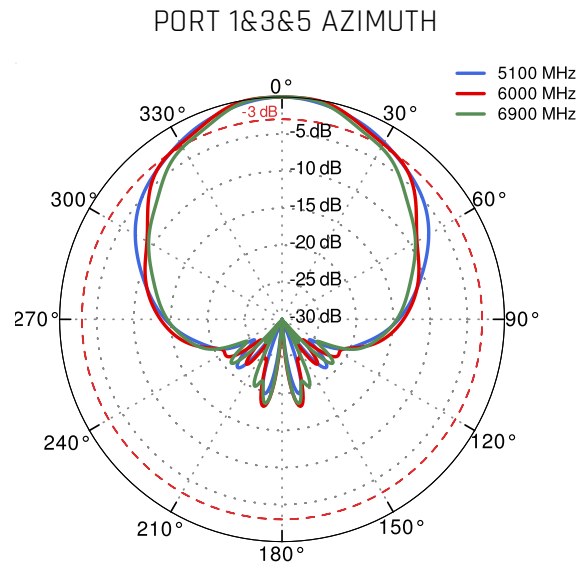
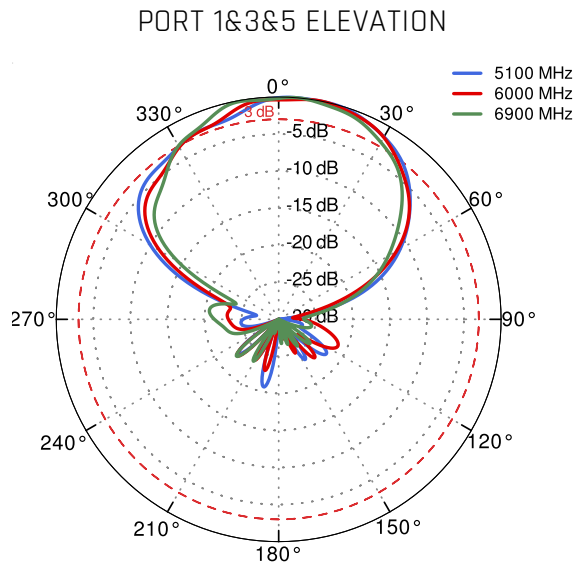
## 2.4GHz to 2.5GHz



## 5GHz to 6GHz



## 5GHz to 6GHz



## DIMENSIONS

