

# QuSector 9HV-65-8 Wi-Fi 6E

QuSector 9HV-65-8 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-65-8 is a concurrent dual band, H&V polarity, MIMO 8x8 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 8\*70cm (28inch) cables terminated with Nm, RPSMA, RPTNC.



ADJUSTABLE, POLE **MOUNTING**  
SYSTEM



ANTENNA **PERFECTLY MATCHED** WITH  
THE ROUTER



OUTDOOR ANTENNA WORKS IN **ANY**  
**WEATHER CONDITIONS**, IP68



MADE IN **EUROPE**



## 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>	8xRPSMA/8xRPTNC/8xNM
<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.65.8RT

VARIANT: S9HV.65.8RS

**ACKSYS**

AirBox/12

**ADTRAN**

Bluesocket 3045

**AEROHIVE NETWORKS**

AP510CX, AP650X

**ALCATEL-LUCENT**

Stellar AP1232

**ARUBA**

AP-654, AP-754

**ENGENIUS**

ECW270, EWS371AP

**EXTREME NETWORKS**

AP460e, AP510CX, AP510e

**FORTINET**

FAP-S423E, FAP-U423EV

**HUAWEI**

AP6760-X1E

**XIRRUS**

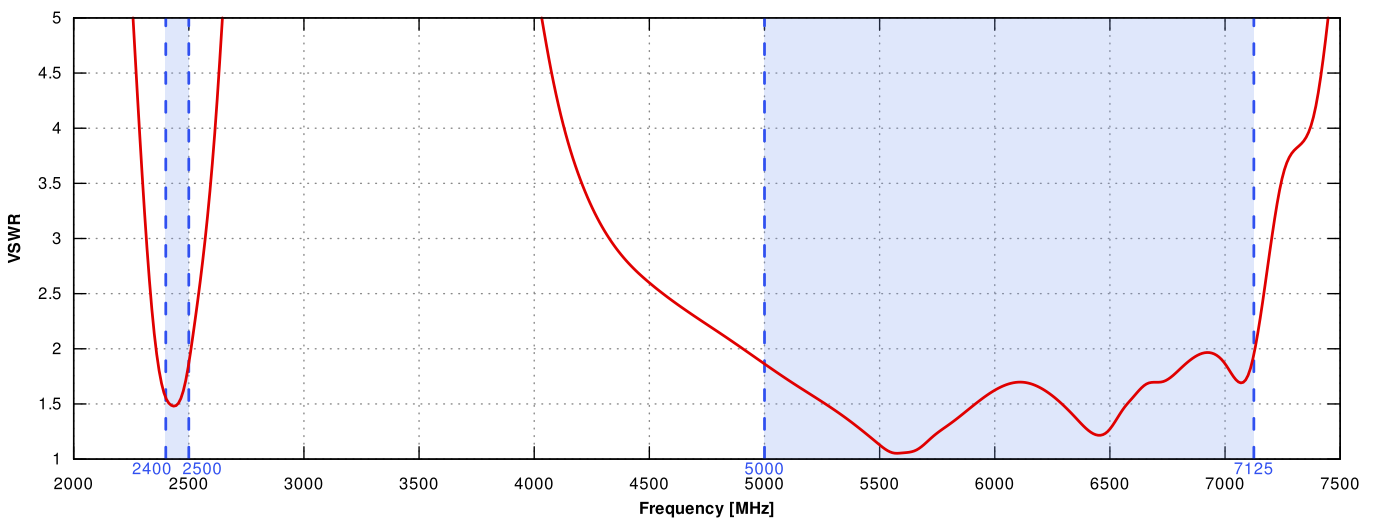
XA4-240, XR-2000H, XR-2425H

VARIANT: S9HV.65.8NM

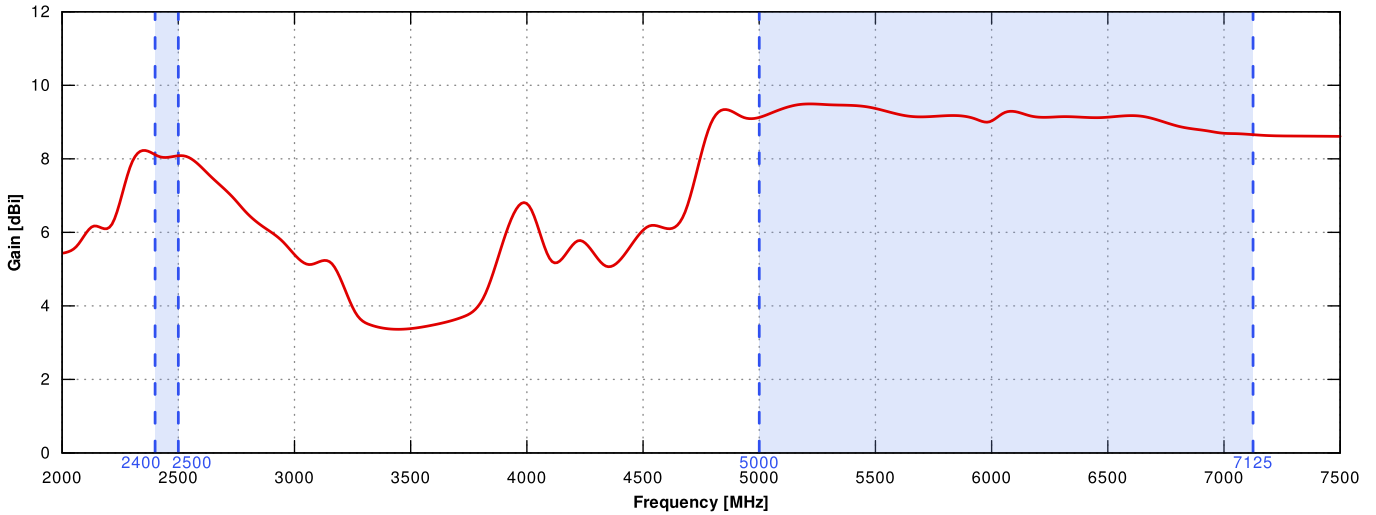
<b>ACKSYS</b>	RailTrack
<b>CISCO</b>	Catalyst IW9167E
<b>ENGENIUS</b>	EWS871AP
<b>EXTREME NETWORKS</b>	AP 8163
<b>FORTINET</b>	FAP-432G, FAP-S422E, FAP-U422EV
<b>HUAWEI</b>	AP8182DN, AP8760R-X1E
<b>SIEMENS</b>	6GK5788-2GY01-0AA0, 6GK5788-2GY01-0TA0
<b>XIRRUS</b>	XH2-240

## PLOTS

VSWR

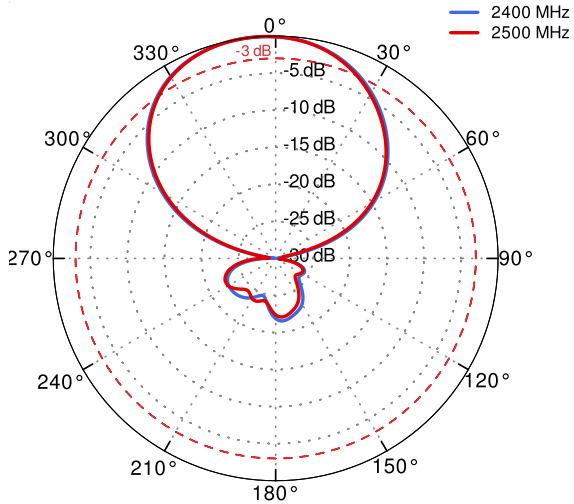


Gain

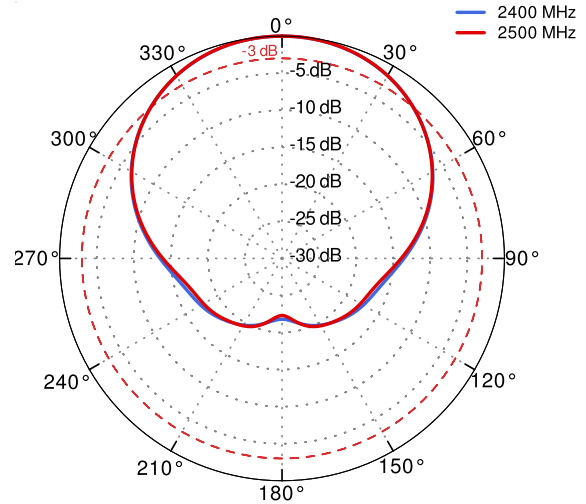


2.4GHz to 2.5GHz

PORT 1, 3, 5, 7 ELEVATION

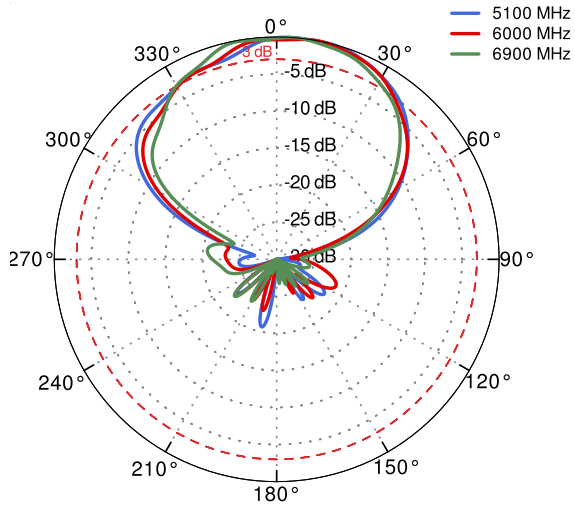


PORT 1, 3, 5, 7 AZIMUTH

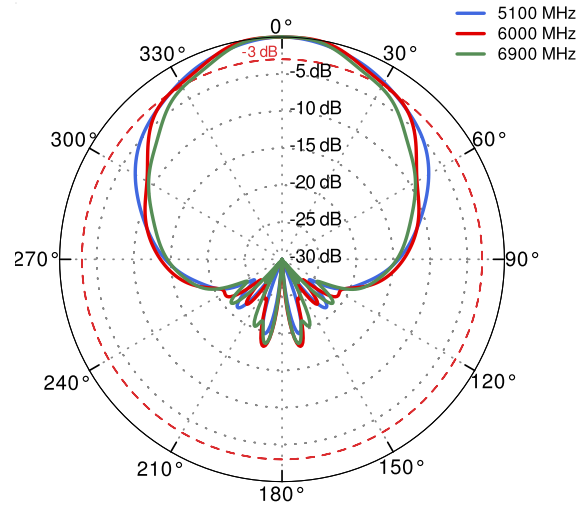


5GHz to 6GHz

PORT 1, 3, 5, 7 ELEVATION

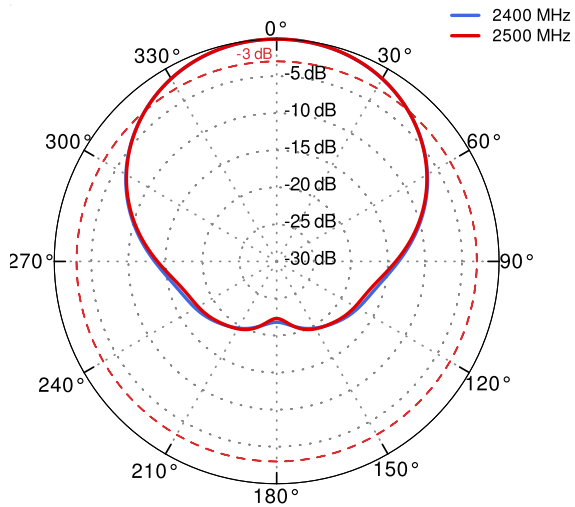


PORT 1, 3, 5, 7 AZIMUTH

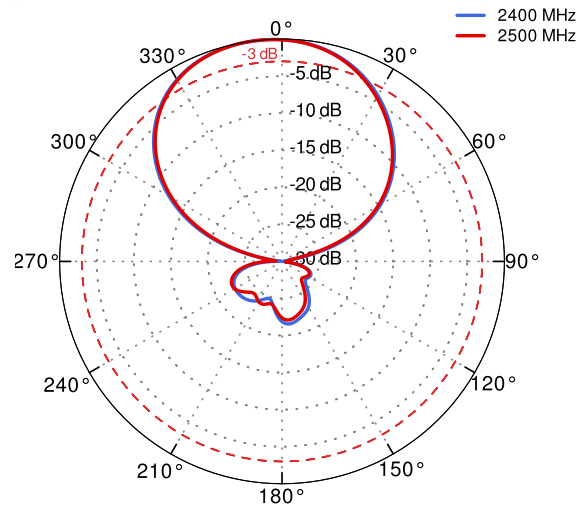


2.4GHz to 2.5GHz

PORT 2, 4, 6, 8 ELEVATION

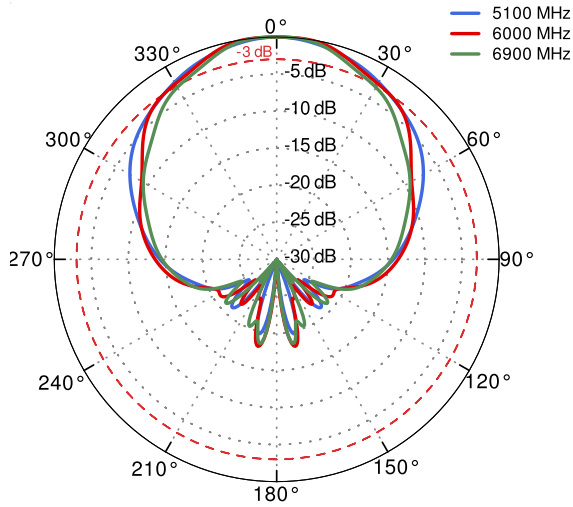


PORT 2, 4, 6, 8 AZIMUTH

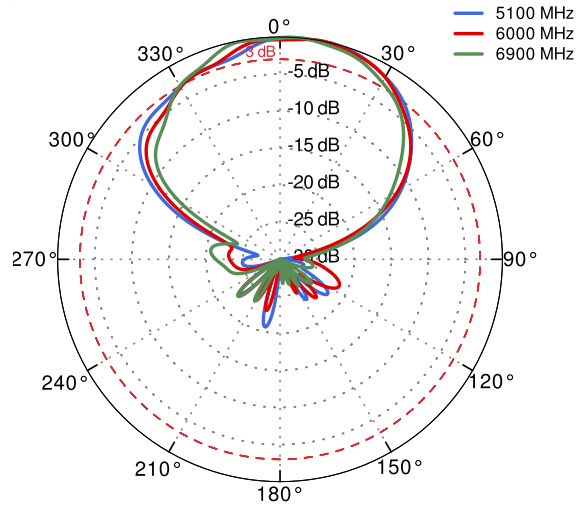


5GHz to 6GHz

PORT 2, 4, 6, 8 ELEVATION



PORT 2, 4, 6, 8 AZIMUTH



## DIMENSIONS

