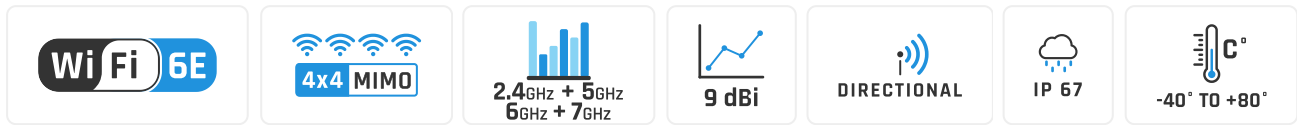


# QuSector 9HV-65-4 Wi-Fi 6E

QuSector 9HV-65-4 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-65-4 is a concurrent dual band, H&V polarity, MIMO 4x4 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 IP67 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 4\*70cm (28inch) cables terminated with Nm, RPSMA, RPTNC.

Part Number: RPTNC - S9HV.65.4RT; RPSMA - S9HV.65.4RS; Nm - S9HV.65.4NM;



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

 ANTENNA **PERFECTLY MATCHED** WITH THE ACCESS POINT

 **ADJUSTABLE**, POLE MOUNTING SYSTEM

 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>	4xRPSMA/4xNM/4xRPTNC
<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>	40-66 mm 1.57-2.60 inch

## PART NUMBER

<b>RPTNC</b>	S9HV.65.4RT
<b>RPSMA</b>	S9HV.65.4RS
<b>NM</b>	S9HV.65.4NM

## COMPATIBLE ROUTERS

VARIANT: S9HV.65.4RT

**CISCO**

CW9174E , AIR-AP1852E, AIR-AP2602E, AIR-AP2702E, AIR-AP2802E, AIR-AP3602E, AIR-AP3702E, AIR-AP3802E, AIR-AP3802I, AIR-AP3802P, AIR-CAP2702E, AIR-CAP3702E, AIR-CAP3702P, Catalyst 9115AXE, Catalyst 9120AXE, Catalyst 9120AXP, MR42E, MR46E, MR53E

**OTHER**

4 \* RPTNC

VARIANT: S9HV.65.4RS

**ADTRAN**

Bluesocket 1925

**ADVANTECH**

EKI-6333AC-2G, EKI-6333AC-4GP, EKI-6333AC-M12

**ALCATEL-LUCENT**

Stellar AP1222, Stellar AP1322

**ARUBA**

AP-734 , AP-314, AP-324, AP-334, AP-344, AP-514, AP-534, AP-634, IAP-314, IAP-324, IAP-334

**CISCO**

Catalyst IW9165E

**COMSET**

CM770W-6

**D-LINK**

DWL-6600AP, DWL-6610APE, DWL-8600AP

**ENGENIUS**

EAP1300EXT, ECW160, ECW260, ENS620EXT, ESW850

**ERICSSON (CRADLEPOINT)**

R2400

**EXTREME NETWORKS**

AP 305Cx, AP 8533, AP3000X, AP310e

**FORTINET**

AP1020E, AP822E, FAP-223C, FAP-223E, FAP-224D, FAP-433F, FAP-433G, FAP-C225C, FAP-U223EV, FAP-U432F

<b>HUAWEI</b>	AP6150DN
<b>JUNIPER NETWORKS</b>	AP41E
<b>MIKROTIK</b>	L23UGSR-5HaxD2HaxD, RB912
<b>MIST</b>	AP32E, AP41E, AP43E, AP61E
<b>PEPLINK</b>	Balance 310 fiber 5G, MAX HD2, MAX HD4
<b>WAVETEL</b>	W3604 Multi-WAN, W3608 Multi-WAN
<b>WLINK</b>	G930
<b>OTHER</b>	4 * RPSMA

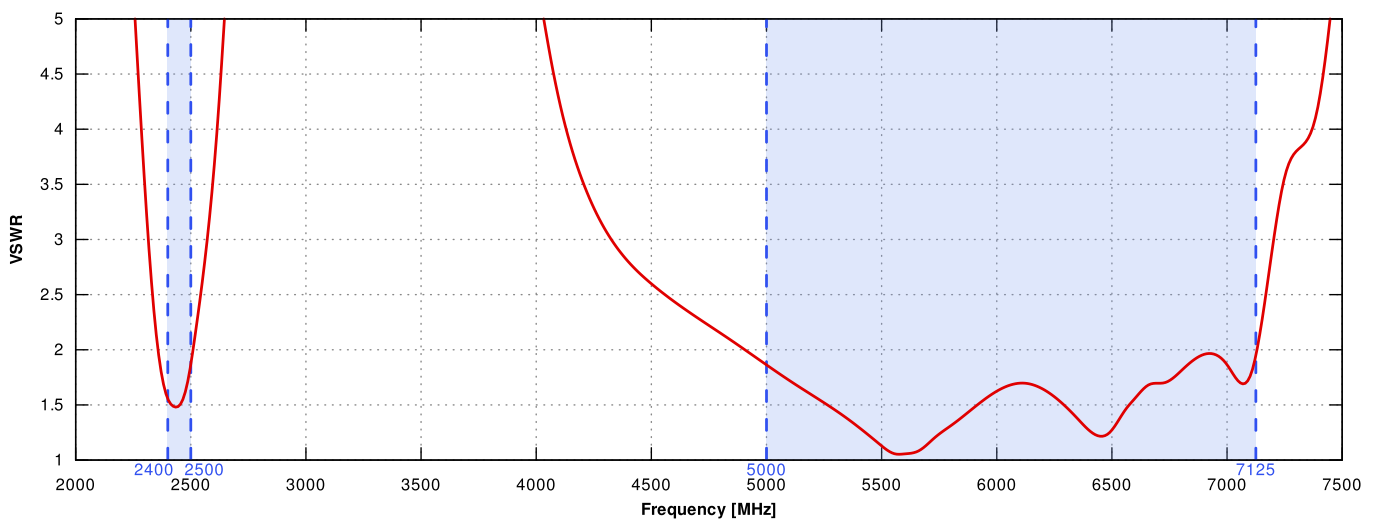
**VARIANT: S9HV.65.4NM**

<b>RAJANT</b>	BreadCrumb ES1-5050CS, BreadCrumb LX5-2255A, BreadCrumb LX5-2255B, BreadCrumb LX5-2455D, Hawk BreadCrumb FE1-4950, Hawk BreadCrumb® FE1-5050 / FE1-5050A, Peregrine BreadCrumb® FE1-2255B, Peregrine LTE BreadCrumb FE1-2455LS, Peregrine LTE BreadCrumb FE1-2455LW, Sparrow BreadCrumb ME5-5050CS
<b>AEROHIVE NETWORKS</b>	AP1130
<b>ARISTA</b>	O-105E
<b>CISCO</b>	AIR-AP1562E, AIR-AP1572EAC, AIR-AP1572EC, AIR-CAP1532E, Catalyst 9163E, IW3702-2E, IW3702-4E, IW6300, MR74, MR76, MR84, MR86
<b>D-LINK</b>	DWL-8710AP
<b>EXTREME NETWORKS</b>	AP 360E, AP 3965E
<b>FORTINET</b>	FAP-222C
<b>HUAWEI</b>	AP6510DN-AGN, AP6610DN-AGN, AP6760R-51E, AP8150DN

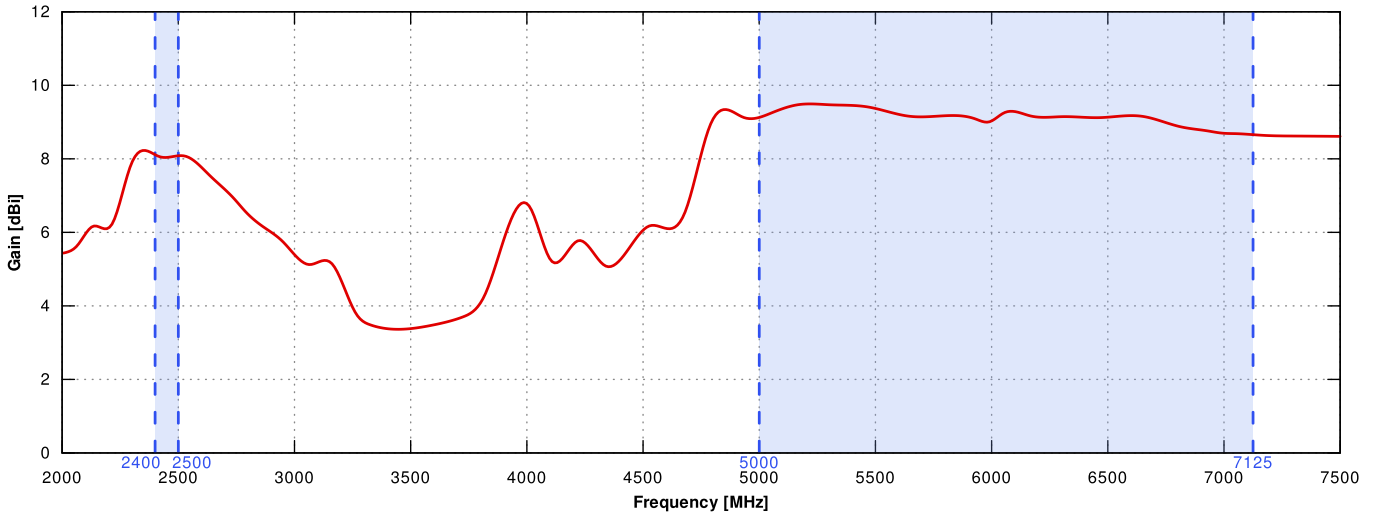
<b>PEPLINK</b>	AP Pro AX
<b>RAJANT</b>	BreadCrumb ES1-5050CS, BreadCrumb LX5-2255A, BreadCrumb LX5-2255B, BreadCrumb LX5-2455D, Hawk BreadCrumb FE1-4950, Hawk BreadCrumb® FE1-5050 / FE1-5050A, Peregrine BreadCrumb® FE1-2255B, Peregrine LTE BreadCrumb FE1-2455LS, Peregrine LTE BreadCrumb FE1-2455LW, Sparrow BreadCrumb ME5-5050CS
<b>RUCKUS</b>	T750SE
<b>SIEMENS</b>	6GK5788-1GY01-0AA0, 6GK5748-1GY01-0AA0
<b>XIRRUS</b>	XH2-120
<b>OTHER</b>	4 * N-male

## PLOTS

VSWR

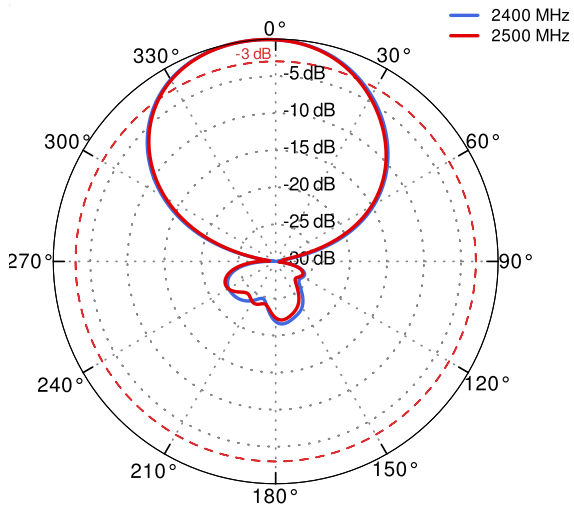


Gain

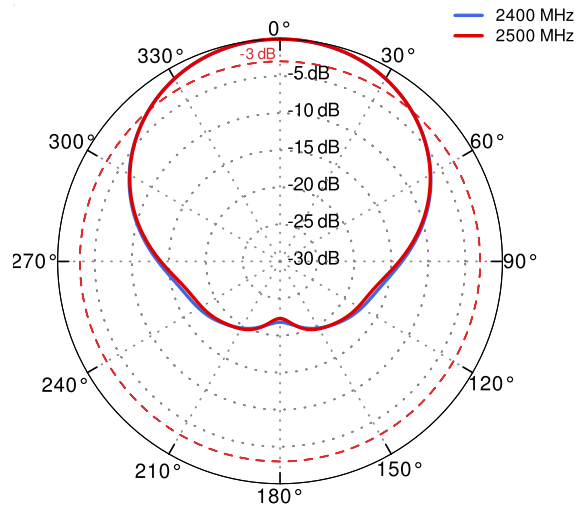


2.4GHz to 2.5GHz

PORT 1&3 ELEVATION

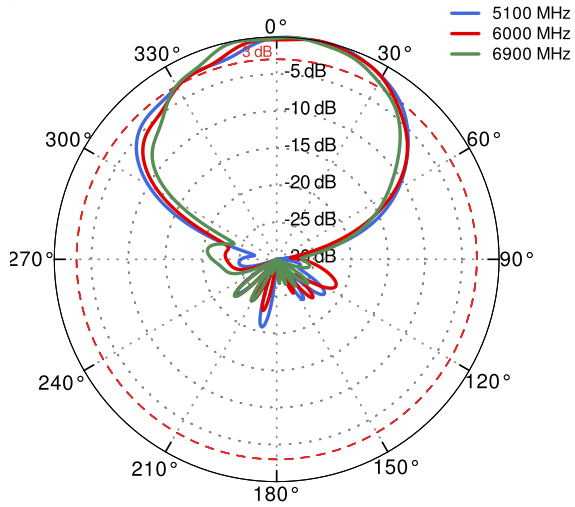


PORT 1&3 AZIMUTH

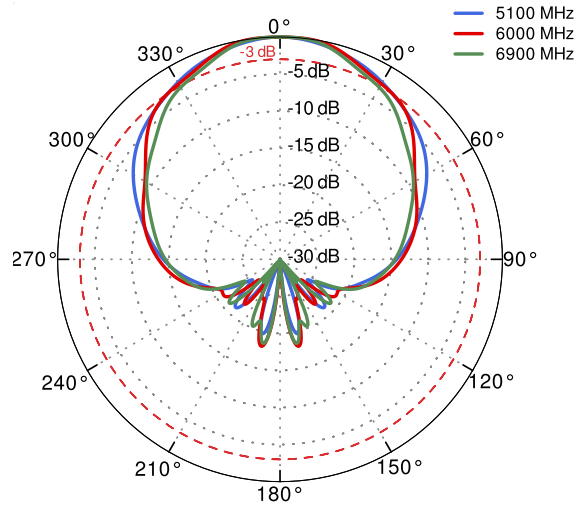


5GHz to 6GHz

PORT 1&3 ELEVATION

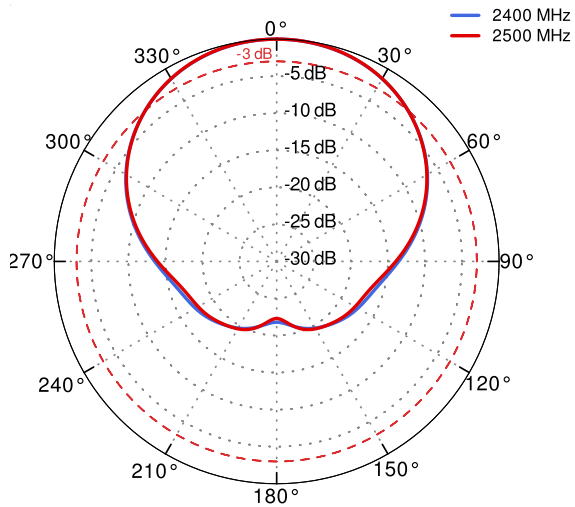


PORT 1&3 AZIMUTH

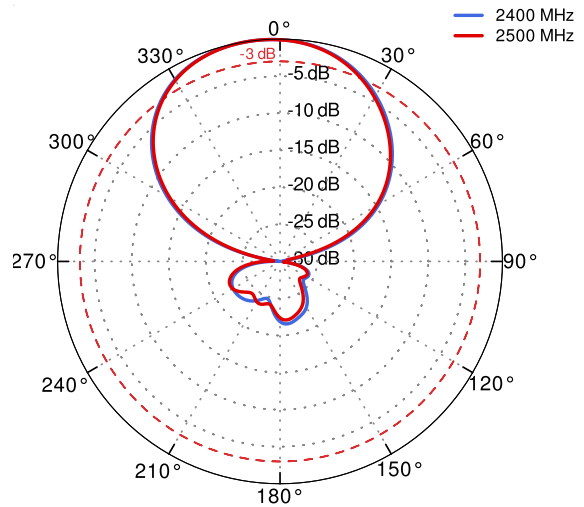


2.4GHz to 2.5GHz

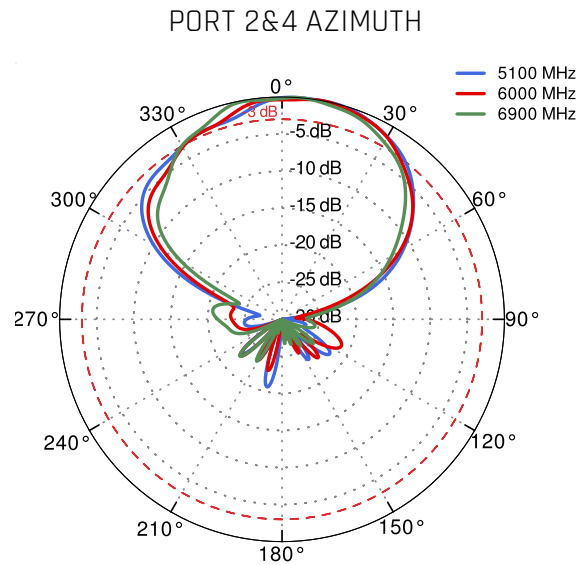
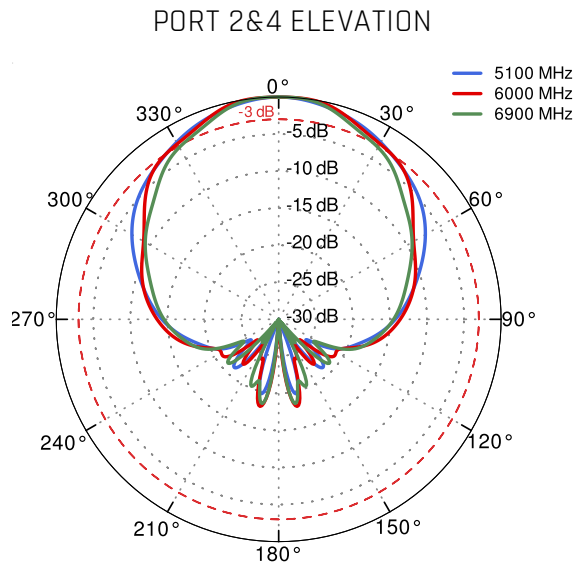
PORT 2&4 ELEVATION



PORT 2&4 AZIMUTH



5GHz to 6GHz



## DIMENSIONS

