


# QuSector 14HV-90-4 Nf Wi-Fi 6E

QuSector 14HV-90-4 offers a 90 degrees, 14dBi gain signal with two RP-SMA 2.4GHz and 5GHz+7GHz connectors. It is a perfect indoor and outdoor device for industrial installations.

QuSector 14HV-90-4 is a concurrent, dual-band, H&V polarity, MIMO 4x4 panel antenna. It simultaneously operates at 2.4GHz with 12dBi gain and **5GHz + 7GHz** with 14dBi gain. It is a futureproof solution with **Wi-Fi 6E** and **Wi-Fi 7** support. 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. High quality injection moulded enclosure allows to implement it alongside with indoor and IP67 outdoor solutions. The antenna comes with 4\*Nf connectors.

**Wi Fi 6E**  
**2.4GHz + 5GHz**  
**6GHz + 7GHz**  
**14 dBi**  
**DIRECTIONAL**  
**IP 67**  
**-40° TO +80°**  
**4x4 MIMO**

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



ANTENNA **PERFECTLY MATCHED** WITH THE ROUTER



WALL OR MAST MOUNTING SYSTEM WITH **TWO PLANES, 60 DEGREES REGULATION**



MADE IN **EUROPE**



## WI-FI SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5.0 - 7.125 GHz
GAIN	12 dBi 14 dBi
VSWR	< 2.00
BEAMWIDTH	90°/30° 90°/16°
POLARIZATION	Horizontal Vertical
IMPEDANCE	50 $\Omega$
SEPARATION BETWEEN CONNECTORS	>30 dB
FRONT-TO-BACK	> 20dB >25dB
MAX INPUT POWER	50W
DC GROUND	Yes

## MECHANICAL SPECIFICATION

MATERIAL	ABS
CONNECTOR	4xNf
OUTER DIMENSIONS	272 x 276 x 96 mm 10.71 x 10.87 x 3.78 inch
WEIGHT	1.8 kg
OPERATING TEMPERATURE	-40°C to +80°C -40°F to 176°F

## MOUNTING KIT

DIMENSIONS	9.9 x 10.5 x 14.8 cm 3.9 x 4.13 x 5.83 inch
REGULATION RANGE	+/- 30°
MAST DIAMETER RANGE	25 - 60mm 0.98-2.36 inch
MATERIAL	Polyamide with fiberglass + galvanized steel U-Bolts
MOUNTING PLACE	Wall or ceiling or mast

## COMPATIBLE ROUTERS

VARIANT: S14HV.90.4NF

**RAJANT**

BreadCrumb ES1-5050CS, BreadCrumb LX5-2255A, BreadCrumb LX5-2255B, BreadCrumb LX5-2455D, Cardinal AG1, 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

**ADTRAN**

Bluesocket 1925, Bluesocket 6120

**ADVANTECH**

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

**AEROHIVE NETWORKS**

AP1130

**ALCATEL-LUCENT**

Stellar AP1222, Stellar AP1322

**ARISTA**

O-105E

**ARUBA**

AP-314, AP-324, AP-334, AP-344, AP-514, AP-534, AP-584, AP-634, IAP-314, IAP-324, IAP-334

**CISCO**

AIR-AP1562E, AIR-AP1572EAC, AIR-AP1572EC, AIR-AP1852E, AIR-AP2602E, AIR-AP2702E, AIR-AP2802E, AIR-AP3602E, AIR-AP3702E, AIR-AP3802E, AIR-AP3802I, AIR-AP3802P, AIR-CAP1532E, AIR-CAP2702E, AIR-CAP3702E, AIR-CAP3702P, Catalyst 9115AXE, Catalyst 9120AXE, Catalyst 9120AXP, Catalyst 9130AXE, Catalyst 9163E, Catalyst IW9165E, IW3702-2E, IW3702-4E, IW6300, MR42E, MR46E, MR53E, MR74, MR76, MR84, MR86

**COMSET**

CM770W-6

**CRADLEPOINT**

E3000

**D-LINK**

DWL-6600AP, DWL-6610APE, DWL-8600AP, DWL-8710AP

**DIGI**

TX64

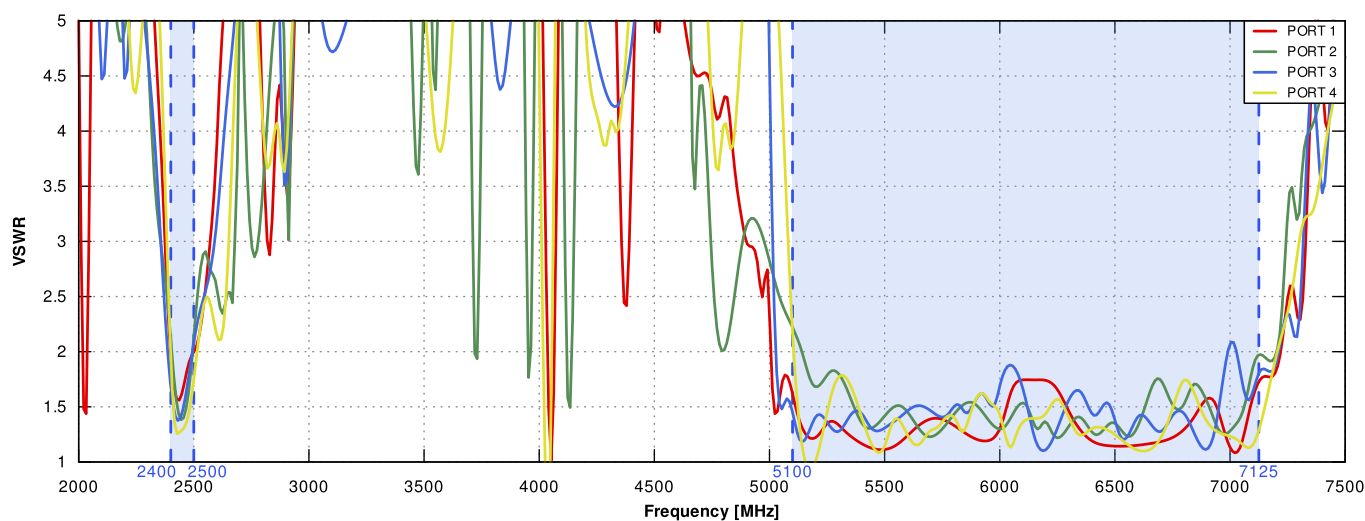
ENGENIUS	EAP1300EXT, ECW160, ECW260, ENH1350EXT, ENS620EXT, ESW850, EWS850-FIT
EXTREME NETWORKS	AP 305Cx, AP 360E, AP 3965E, AP 8533, AP3000X, AP310e
FORTINET	AP1020E, AP822E, FAP-222C, FAP-223C, FAP-223E, FAP-224D, FAP-433F, FAP-433G, FAP-C225C, FAP-U223EV, FAP-U432F
FOUR-FAITH	5G Industrial CPE F-NR200
HUAWEI	AirEngine 9700D-S, AP6150DN, AP6510DN-AGN, AP6610DN-AGN, AP6760R-51E, AP8150DN
JUNIPER NETWORKS	AP41E
MIKROTIK	L23UGSR-5HaxD2HaxD, RB912
MILESIGHT	UR75
MIST	AP32E, AP41E, AP43E, AP61E
PEPLINK	AP Pro AX, Balance 310 fiber 5G, MAX HD2, MAX HD4
RAJANT	BreadCrumb ES1-5050CS, BreadCrumb LX5-2255A, BreadCrumb LX5-2255B, BreadCrumb LX5-2455D, Cardinal AG1, 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
RUCKUS	T750SE
SIEMENS	6GK5788-1GY01-0AA0, 6GK5748-1GY01-0AA0, SCALANCE W1788
WAVETEL	W3604 Multi-WAN, W3608 Multi-WAN
WLINK	G930
XIRRUS	XH2-120

OTHER

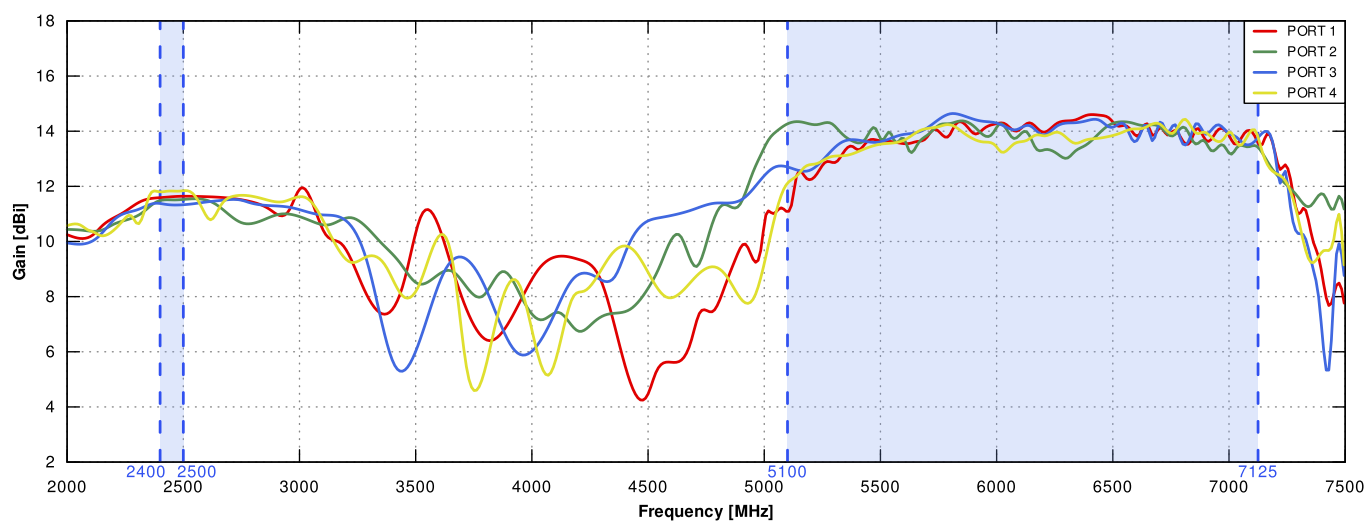
4 \* N-male, 4 \* RPSMA, 4 \* RPTNC

## PLOTS

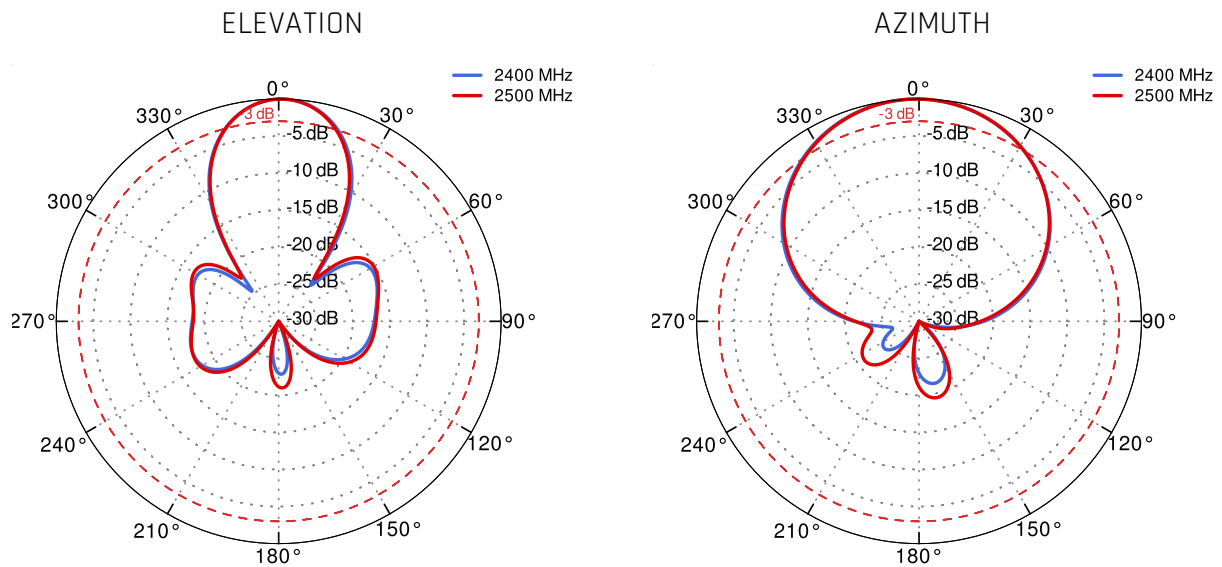
VSWR



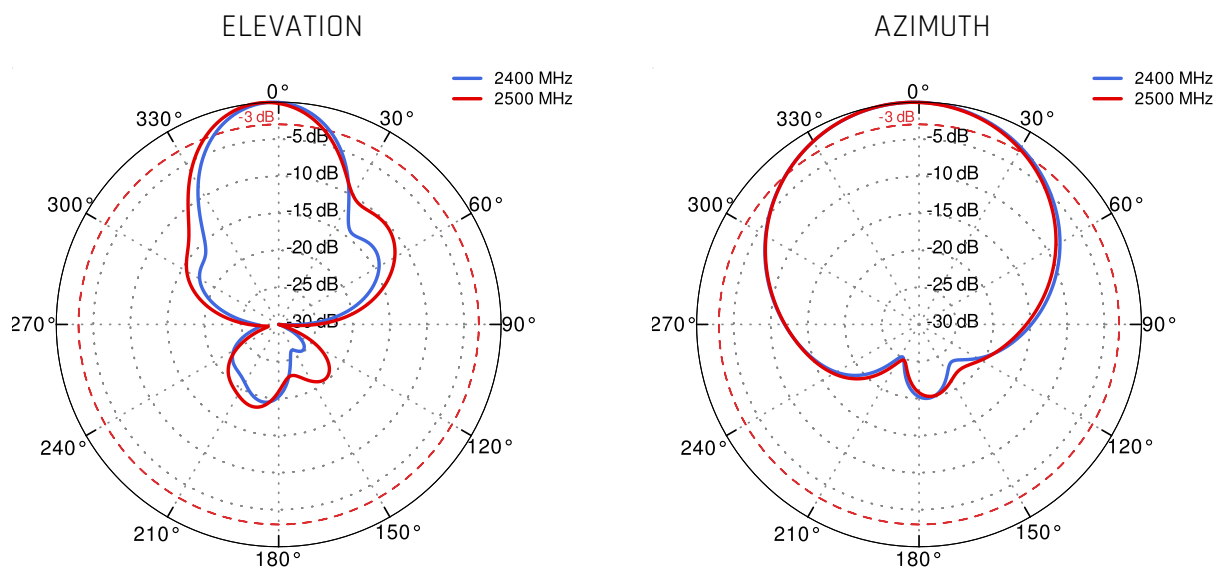
Gain



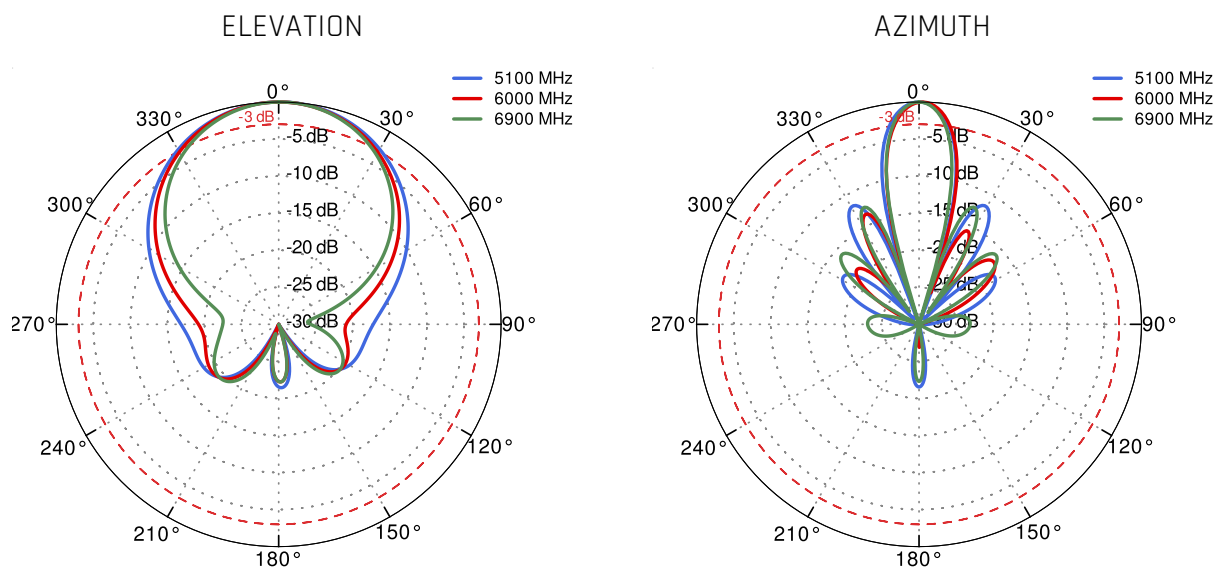
## PORT 1&3 From 2.4GHz to 2.5GHz



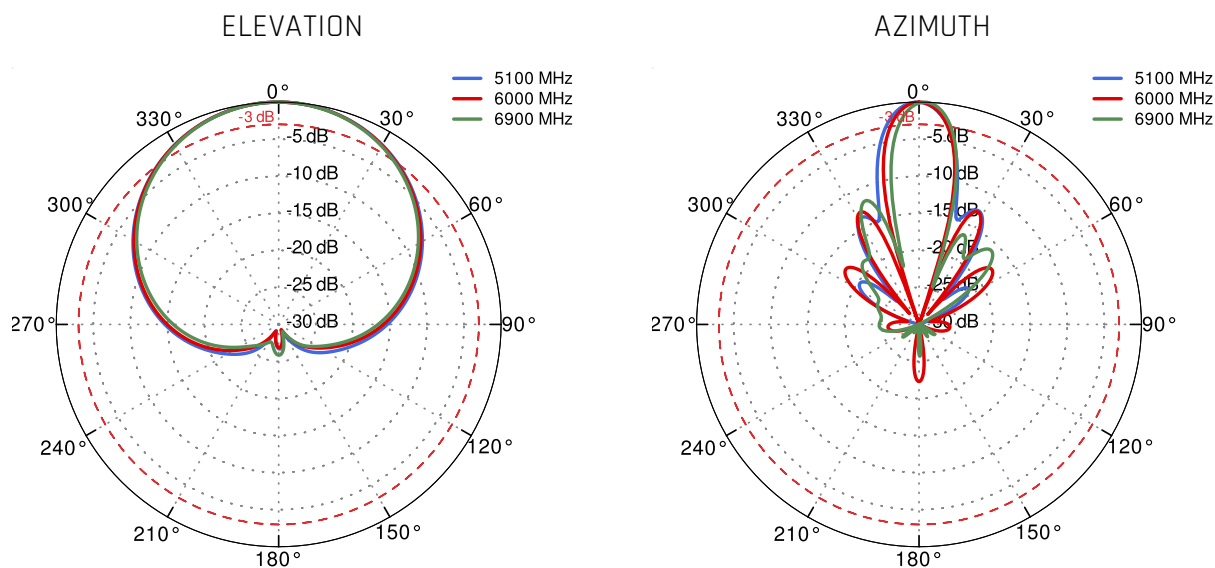
## PORT 2&4 From 2.4GHz to 2.5GHz



## PORT 1&3 From 5.1GHz to 6.9GHz



## PORT 2&4 From 5.1GHz to 6.9GHz





## DIMENSIONS

