

# QuSector S57-14HV-90-2 Nf

QuSector S57-14HV-90-2 offers a 90 degrees, 14dBi gain signal with two Nf connectors. It is a perfect indoor and outdoor device for industrial installations.

QuSector S57-14HV-90-2 Nf is a concurrent, Wi-Fi 6e / 7, H&V polarity, MIMO 2x2 panel antenna. It simultaneously operates at **5.1GHz** and **7.125GHz** with **14dBi gain**. Due to its high 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.

The antenna comes with integrated Nf connectors.



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**

<b>FREQUENCY</b>	5.1 - 7.125GHz
<b>GAIN</b>	14 dBi
<b>VSWR</b>	< 2.00
<b>BEAMWIDTH</b>	90°/16°
<b>POLARIZATION</b>	Horizontal Vertical
<b>IMPEDANCE</b>	50 $\Omega$
<b>FRONT-TO-BACK</b>	> 25dB
<b>MAX INPUT POWER</b>	50W
<b>DC GROUND</b>	Yes

## **MECHANICAL SPECIFICATION**

<b>MATERIAL</b>	ABS
<b>CONNECTOR</b>	2xNf
<b>OUTER DIMENSIONS</b>	272 x 276 x 96 mm 10.71 x 10.87 x 3.78 inch
<b>WEIGHT</b>	1.8 kg
<b>OPERATING TEMPERATURE</b>	-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: SS57.14HV.90.2NF

### RAJANT

BreadCrumb ES1-2450IS, BreadCrumb ES1-2450CS, BreadCrumb LX5-2255A, BreadCrumb LX5-2255C, BreadCrumb LX5-2295C, BreadCrumb LX5-2955C, Hawk BreadCrumb FE1-2450 / FE1-2450A, Sparrow BreadCrumb ME5-2450CS

### CISCO

Catalyst IW9165D

### RAJANT

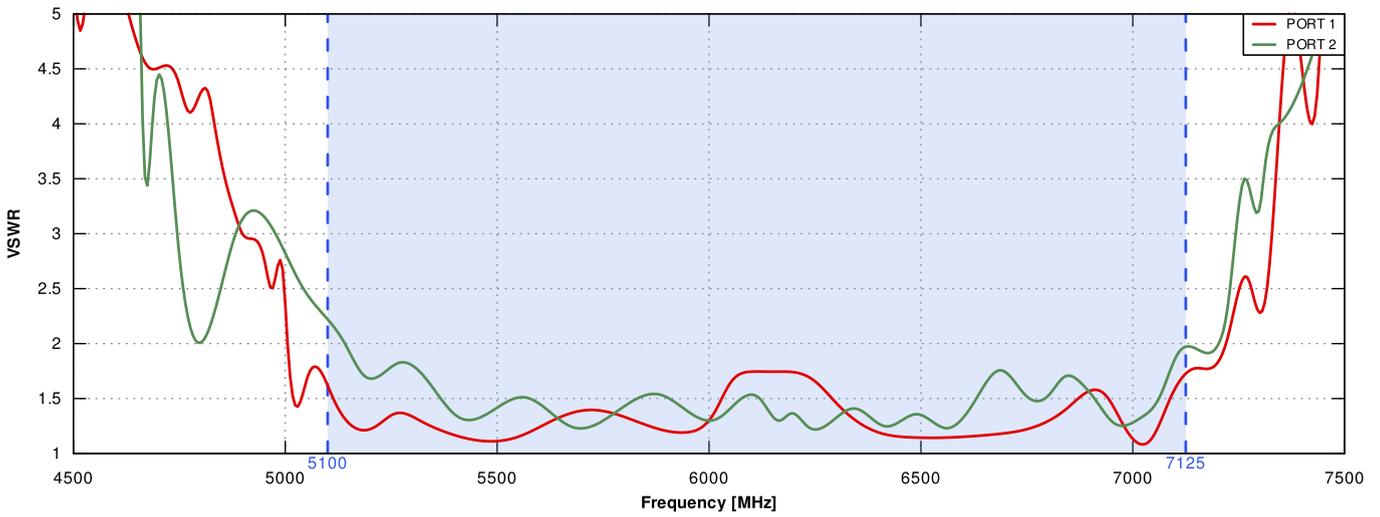
BreadCrumb ES1-2450IS, BreadCrumb ES1-2450CS, BreadCrumb LX5-2255A, BreadCrumb LX5-2255C, BreadCrumb LX5-2295C, BreadCrumb LX5-2955C, Hawk BreadCrumb FE1-2450 / FE1-2450A, Sparrow BreadCrumb ME5-2450CS

### SEMTECH (SIERRA WIRELESS)

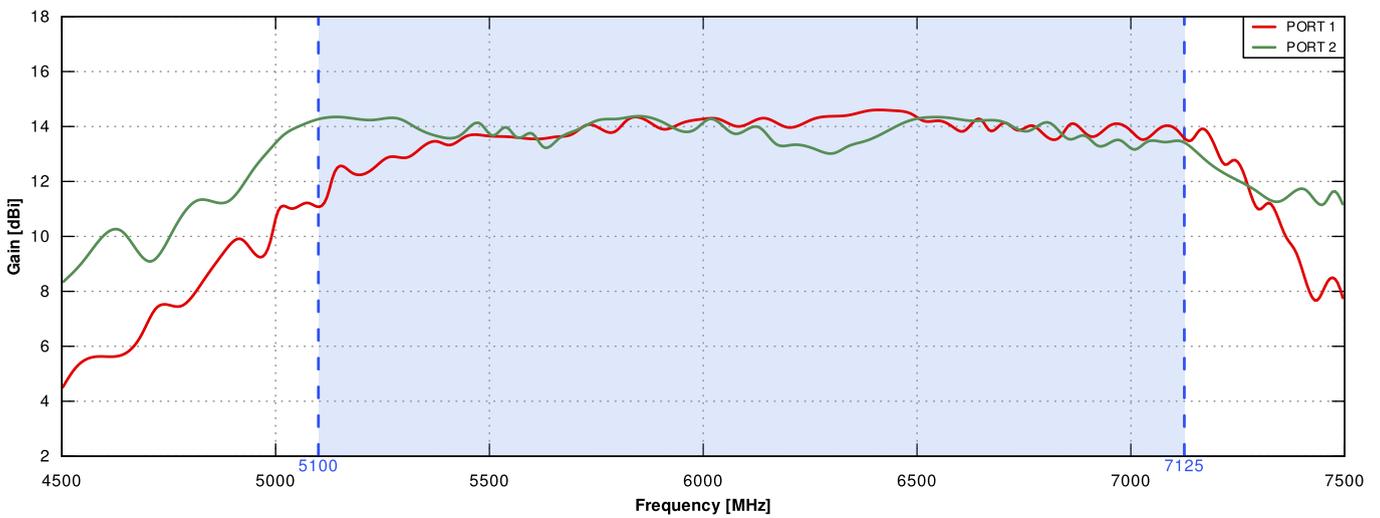
AirLink RX55

# PLOTS

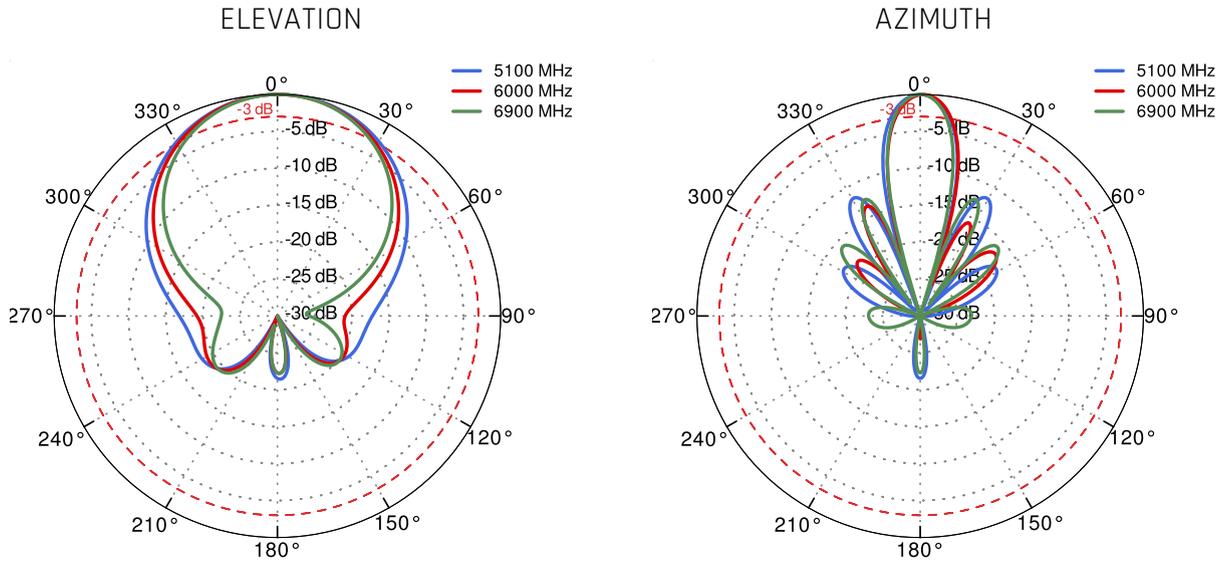
## VSWR



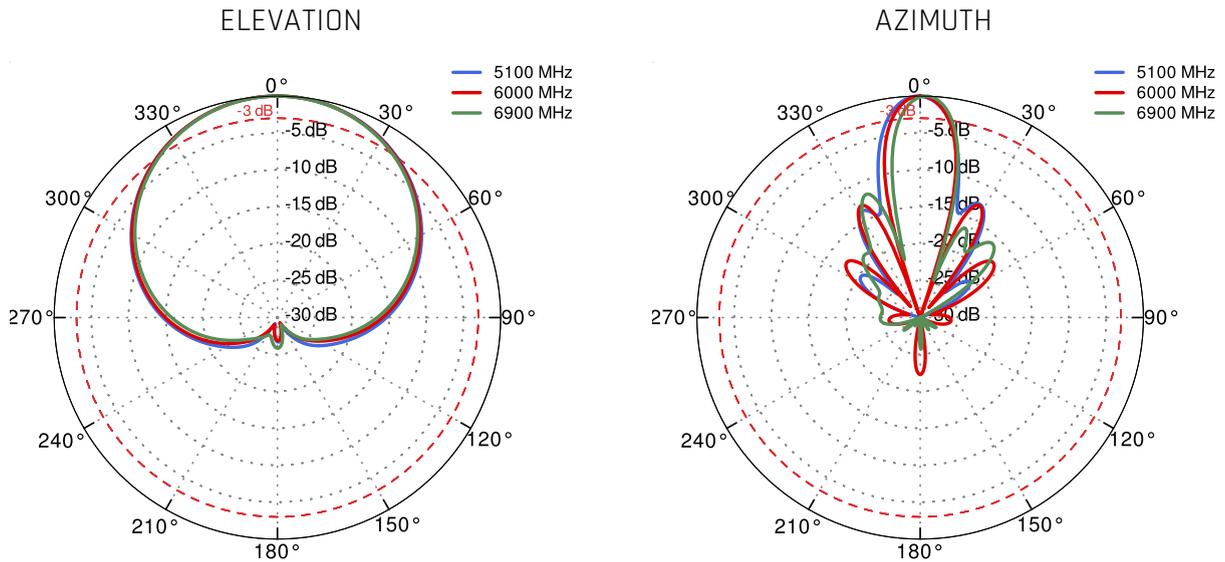
## Gain



**PORT 1 From 5.1GHz to 6.9GHz**



**PORT 2 From 5.1GHz to 6.9GHz**



## **DIMENSIONS**

