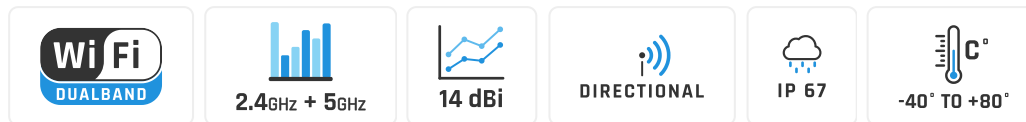


# QuSector 14HV-90-3 Nf

QuSector 14HV-90-3 offers a 90 degrees, 14dBi gain signal with two RP-SMA 2.4GHz connectors. It is a perfect indoor and outdoor device for industrial installations.

QuSector 14HV-90-3 is a single band, H&V polarity, MIMO 3x3 panel antenna. Two connectors operate at 2.4GHz with 14dBi 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. High quality injection moulded enclosure allows to implement it alongside with indoor and IP67 outdoor solutions. The antenna comes in 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>	2.4 - 2.5GHz 5.1 - 5.9GHz
<b>GAIN</b>	12 dBi 14 dBi
<b>VSWR</b>	< 2.00
<b>BEAMWIDTH</b>	90°/30° 90°/16°
<b>POLARIZATION</b>	Horizontal Vertical
<b>IMPEDANCE</b>	50 $\Omega$
<b>SEPARATION BETWEEN CONNECTORS</b>	>30 dB
<b>FRONT-TO-BACK</b>	> 20dB >25dB
<b>MAX INPUT POWER</b>	50W
<b>DC GROUND</b>	Yes

## MECHANICAL SPECIFICATION

<b>MATERIAL</b>	ABS
<b>CONNECTOR</b>	3xNf
<b>OUTER DIMENSIONS</b>	29.2 x 48.6 x 10.6 cm 11.5 x 19.13 x 4.17 inch
<b>WEIGHT</b>	1.8 kg
<b>OPERATING TEMPERATURE</b>	-40°C to +80°C -40°F to 176°F

## MOUNTING KIT

<b>DIMENSIONS</b>	9.9 x 10.5 x 14.8 cm 3.9 x 4.13 x 5.83 inch
<b>REGULATION RANGE</b>	+/- 30°
<b>MAST DIAMETER RANGE</b>	25 - 66mm 0.98-2.60 inch
<b>MATERIAL</b>	Polyamide with fiberglass + galvanized steel U-Bolts
<b>MOUNTING PLACE</b>	Wall or ceiling or mast

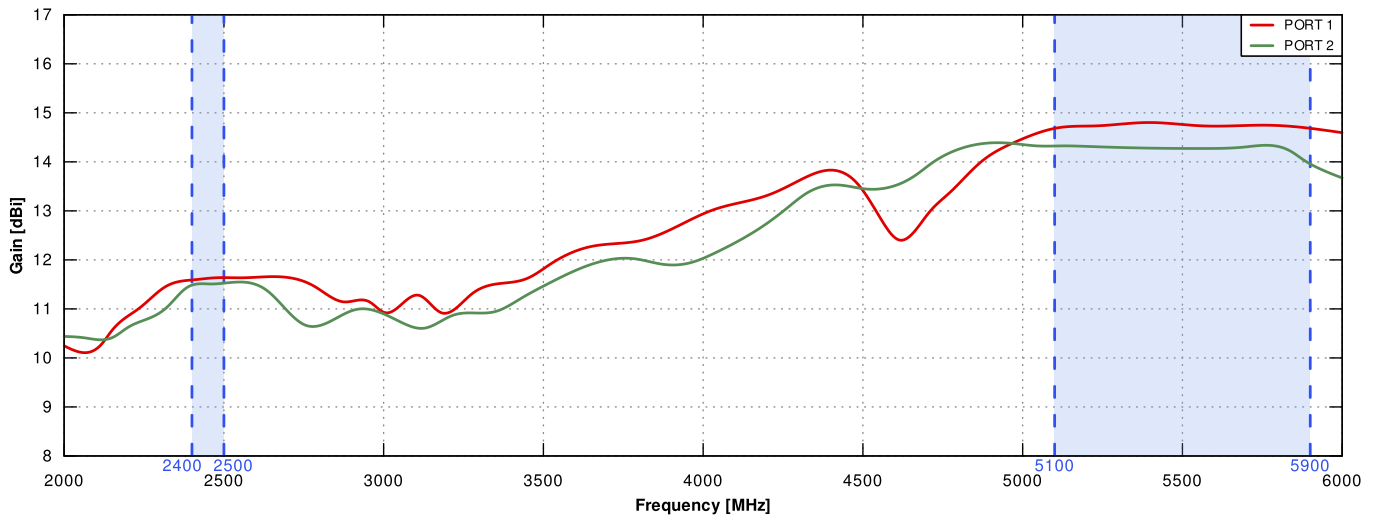
## COMPATIBLE ROUTERS

VARIANT: S14HV.90.3NF

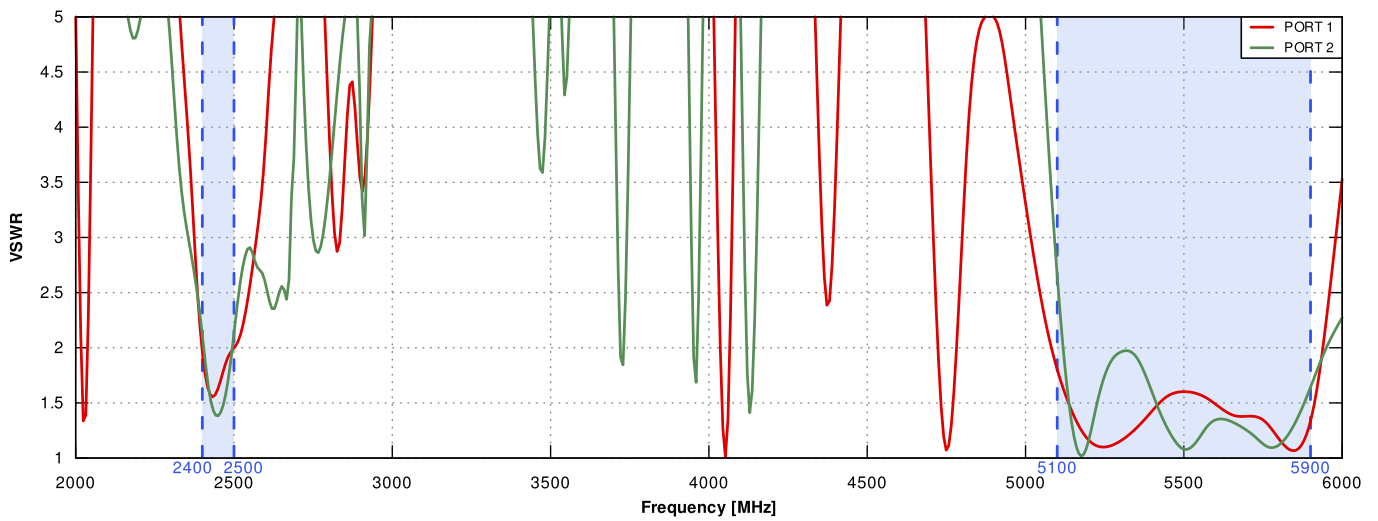
<b>TELTONIKA</b>	RUTC40, RUTC41, RUTC42, RUTC50
<b>ADVANTECH</b>	ICR-4401W
<b>ARUBA</b>	AP-114, AP-124, AP-134, AP-214, AP-224, AP-304, IAP-214, IAP-224, IAP-304
<b>CISCO</b>	AIR-AP1602E
<b>D-LINK</b>	DSR-1000AC
<b>EXTREME NETWORKS</b>	AP 7532
<b>FORTINET</b>	FAP-S313C, FAP-S323C, FAP-S323CR
<b>HUAWEI</b>	AP5130DN
<b>JUNIPER NETWORKS</b>	AX11
<b>QUECLINK</b>	WR220
<b>SIEMENS</b>	6GK5748-1GD00-0AB0, 6GK5788-1FC00-0AA0, 6GK5788-1FC00-0AB0, 6GK5748-1FC00-0AA0, 6GK5748-1FC00-0AB0, 6GK5748-1GD00-0AA0, 6GK5786-1FC00-0AB0, 6GK5788-1GD00-0AA0, 6GK5788-1GD00-0AB0
<b>TELTONIKA</b>	RUTC40, RUTC41, RUTC42, RUTC50
<b>WAVETEL</b>	W4A00 5G
<b>OTHER</b>	3 * N-male, 3 * RPSMA, 3 * RPTNC

# PLOTS

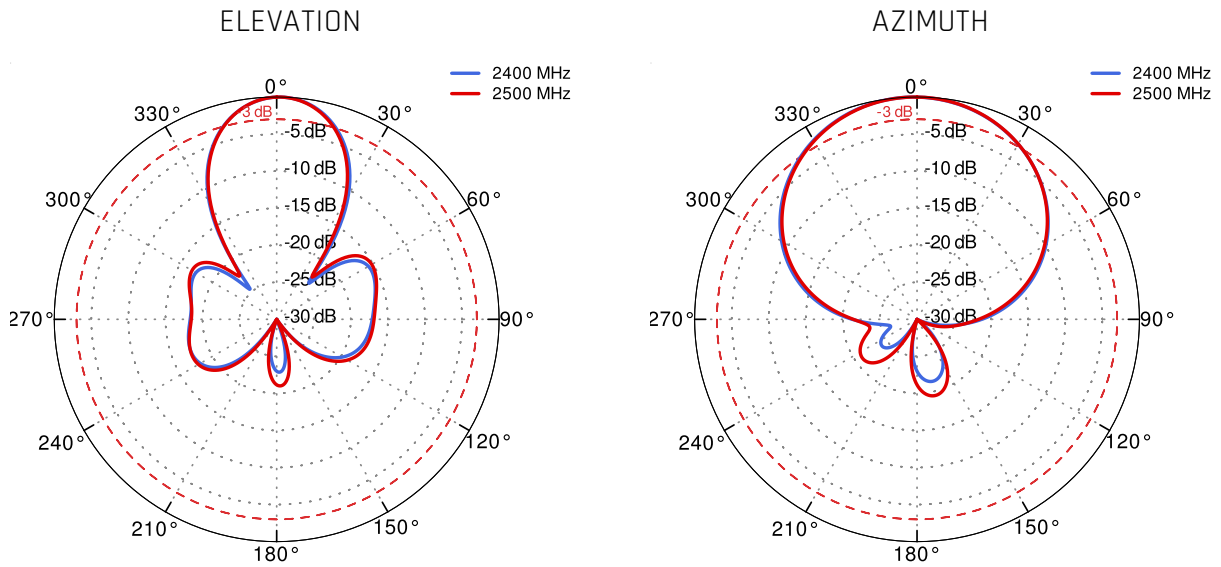
## Gain



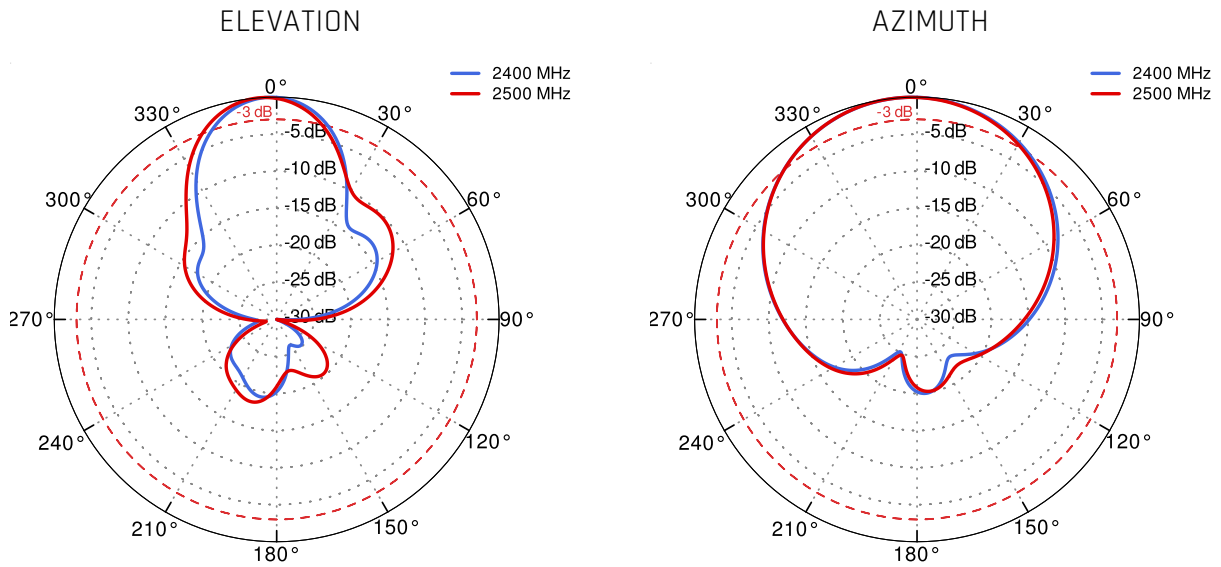
## VSWR



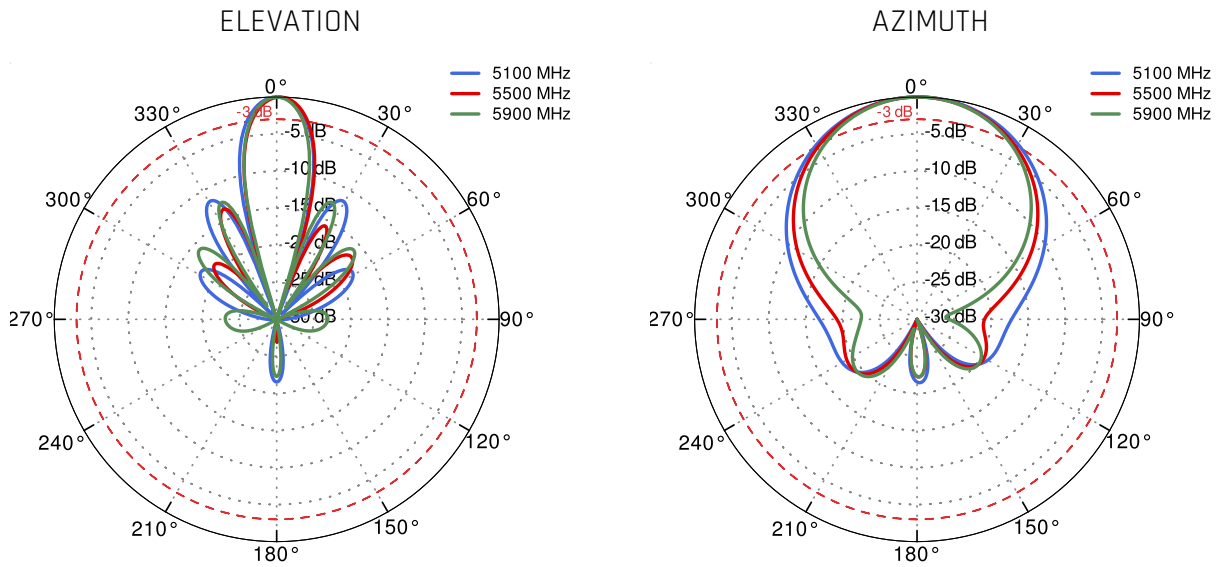
PORT 1 From 2.4GHz to 2.5GHz



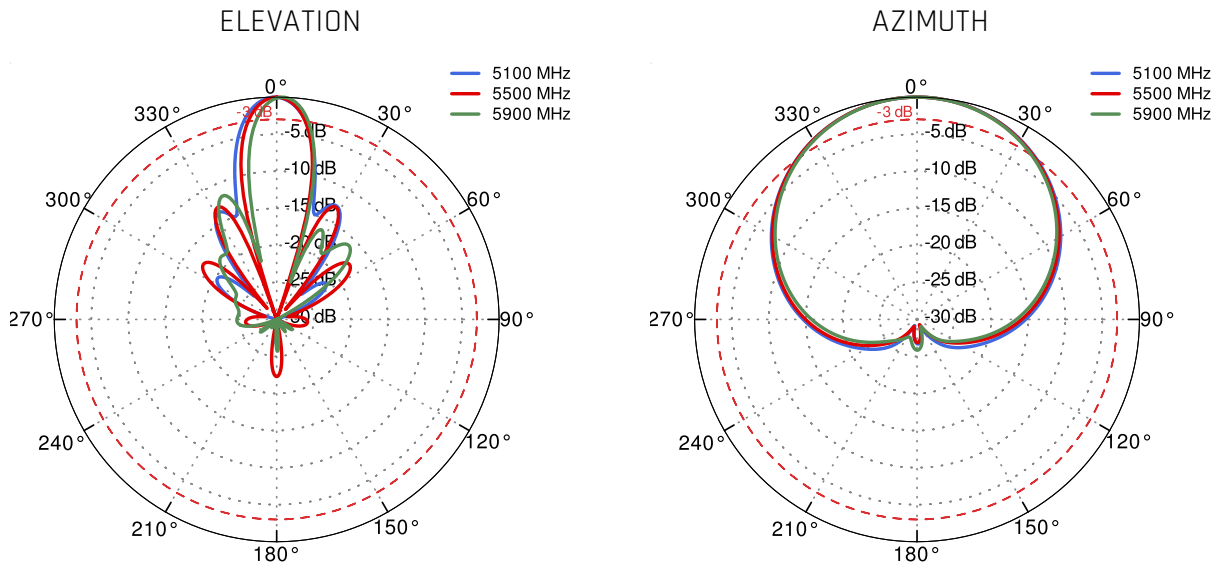
PORT 2 From 2.4GHz to 2.5GHz



PORT 1 From 5.1GHz to 5.9GHz



PORT 2 From 5.1GHz to 5.9GHz



## **DIMENSIONS**

