

# 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 - 60mm 0.98-2.36 inch
<b>MATERIAL</b>	Polyamide with fiberglass + galvanized steel U-Bolts
<b>MOUNTING PLACE</b>	Wall or ceiling or mast

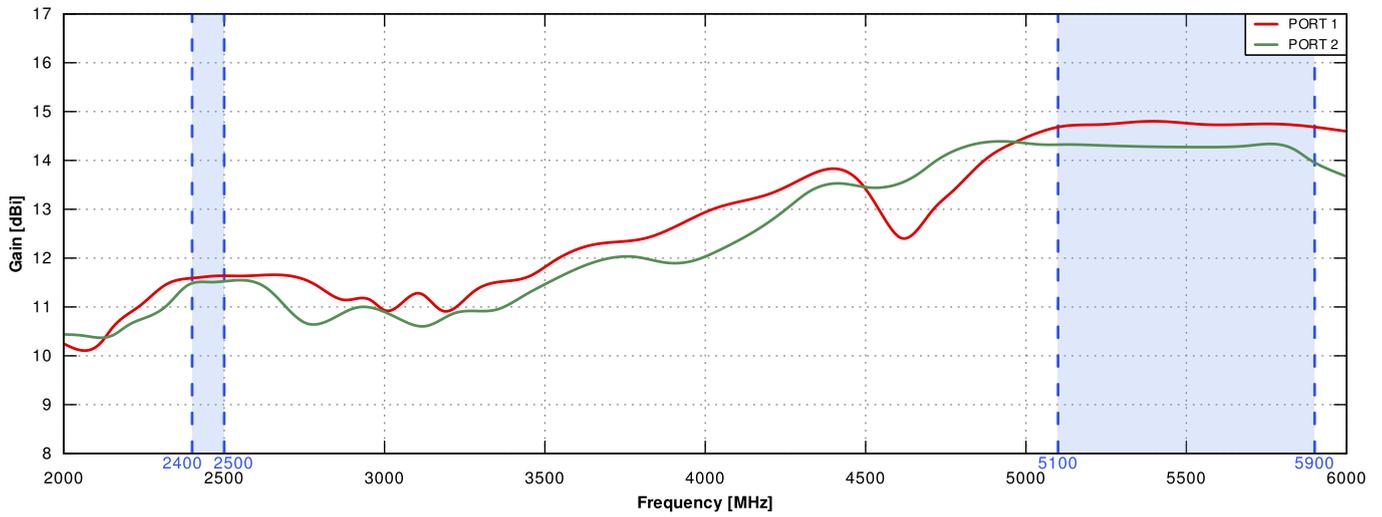
## COMPATIBLE ROUTERS

VARIANT: S14HV.90.3NF

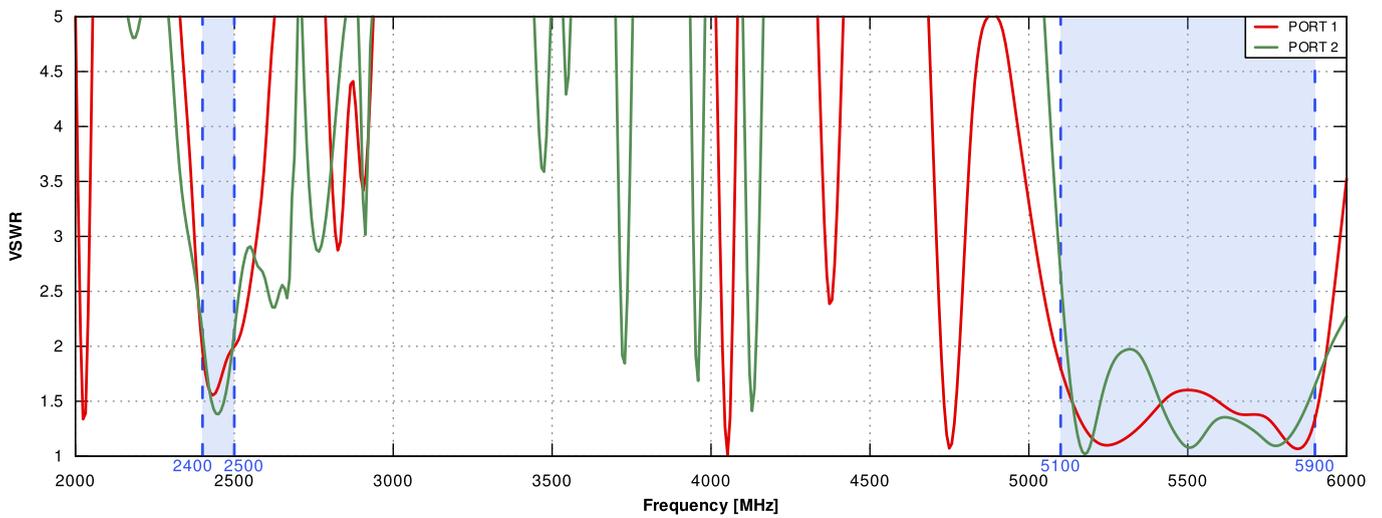
TELTONIKA	ICR-4401W
ARUBA	AP-114, AP-214, AP-224, AP-304, IAP-214, IAP-224, IAP-304
CISCO	AIR-AP1602E
D-LINK	DSR-1000AC
EXTREME NETWORKS	AP 7532
FORTINET	FAP-S313C, FAP-S323C, FAP-S323CR
HUAWEI	AP5130DN
JUNIPER NETWORKS	AX11
SIEMENS	6GK5748-1GD00-0AB0, 6GK5788-1FC00-0AA0, 6GK5788-1FC00-0AB0, 6GK5748-1FC00-0AA0,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

# PLOTS

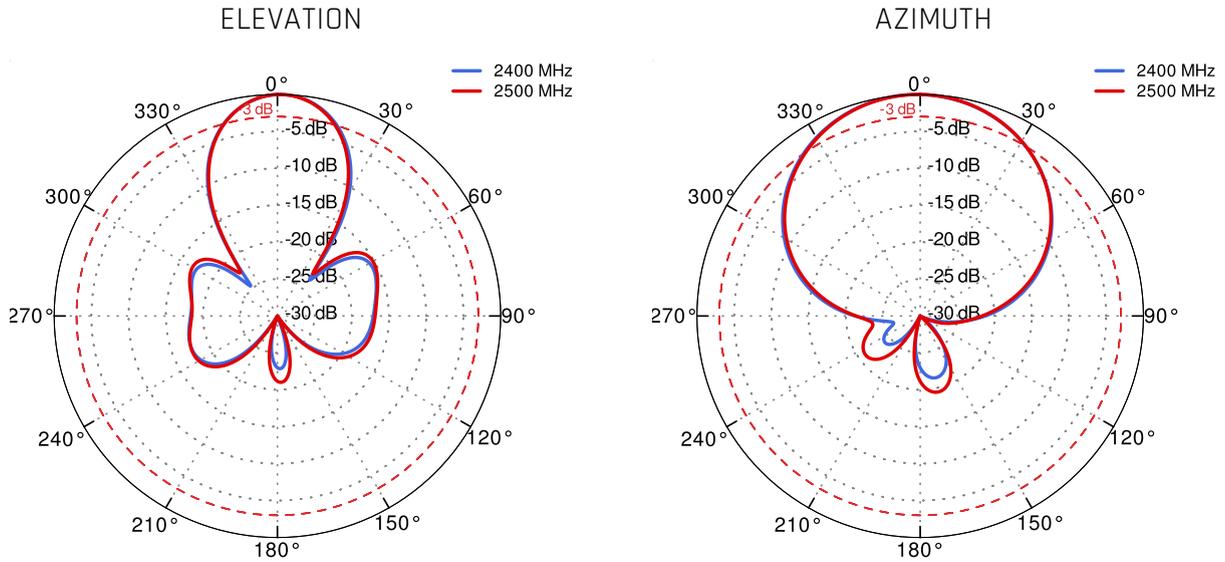
## Gain



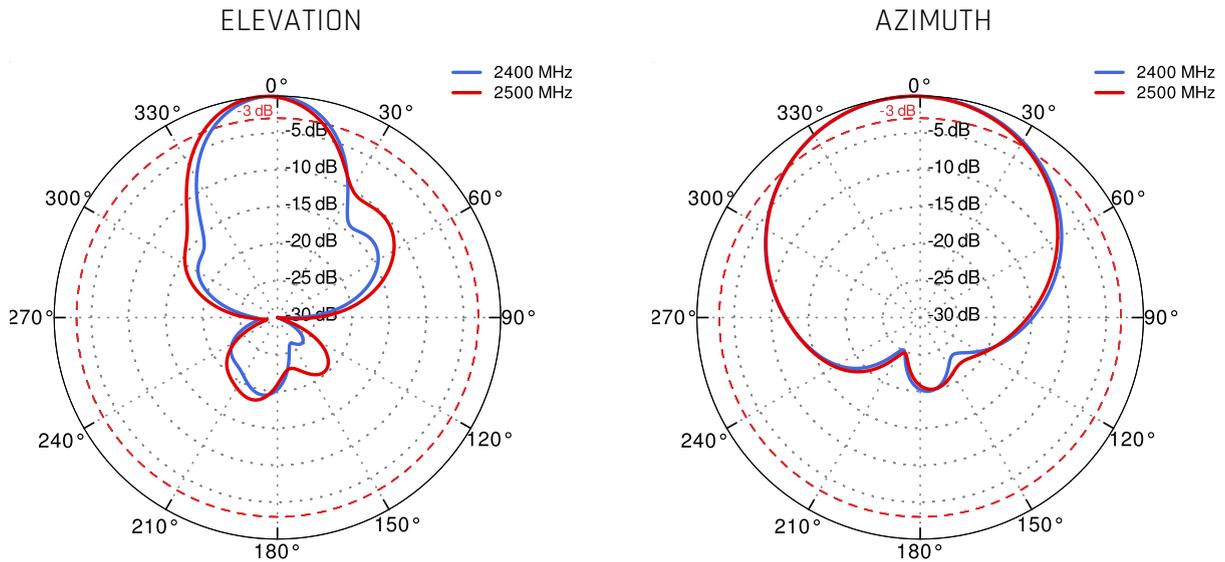
## VSWR



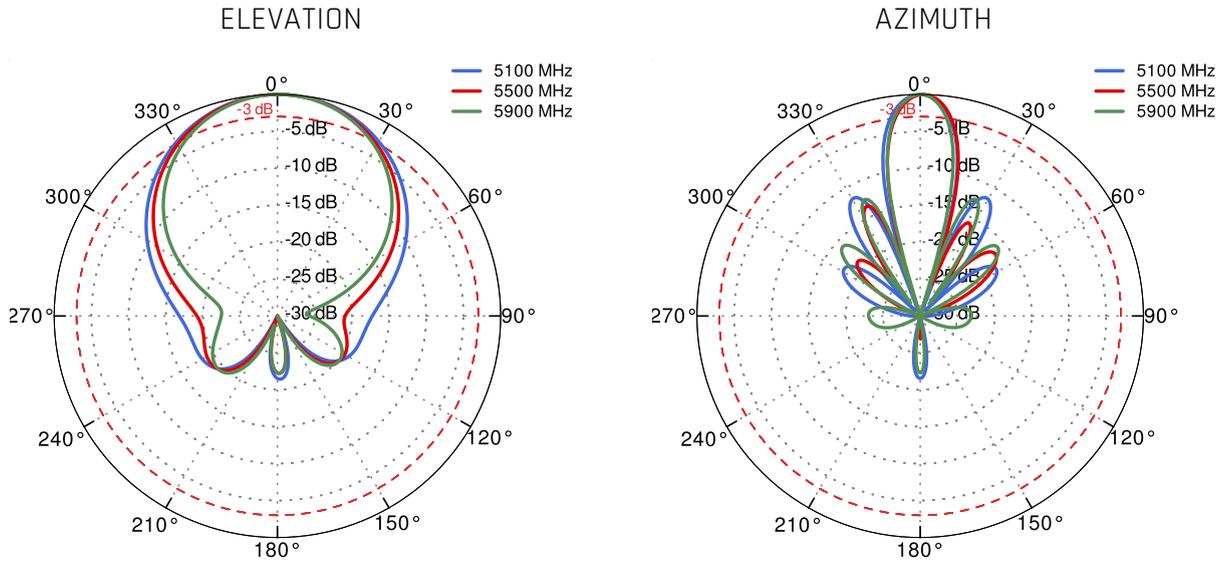
PORT 1 From 2.4GHz to 2.5GHz



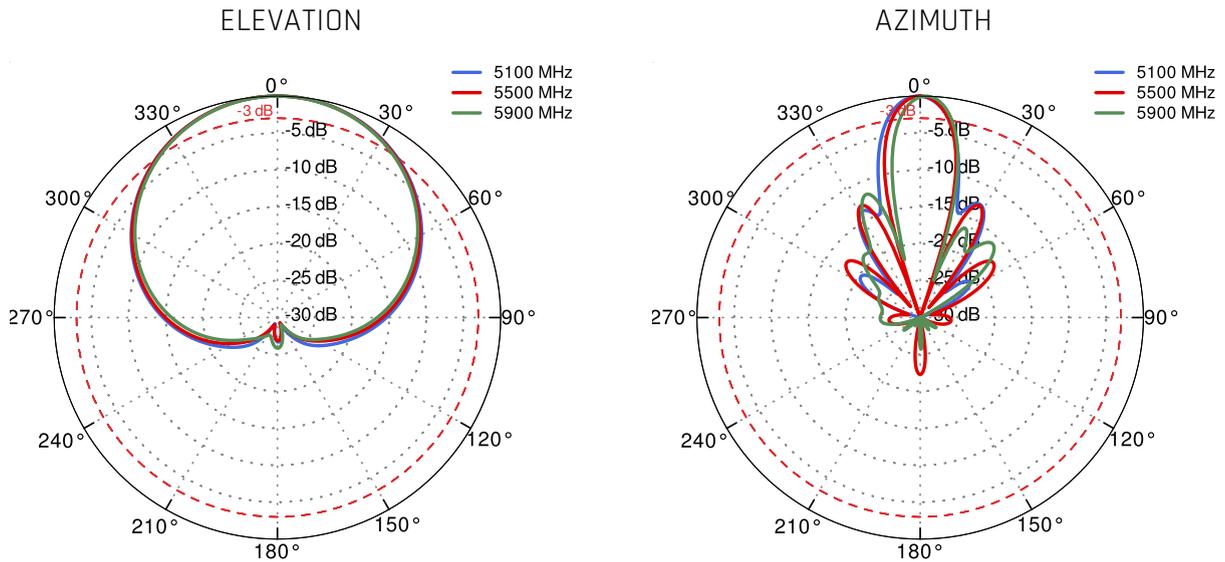
PORT 2 From 2.4GHz to 2.5GHz



**PORT 1 From 5.1GHz to 5.9GHz**



**PORT 2 From 5.1GHz to 5.9GHz**



## DIMENSIONS

