

# QuSector 14HV-90-3

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 following configurations: 3\*70cm (28inch) cables terminated with Nm, RPSMA, RPTNC connectors. QuSector 14HV-90-3 was designed to be a perfect match for your access point.



 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>	3xRPSMA/3xNM/3xRPTNC
<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.90.3RS

TELTONIKA	RUTC40, RUTC41, RUTC42, RUTC50
ADVANTECH	ICR-4401W
ARUBA	AP-114, AP-124, AP-134, AP-214, AP-224, AP-304, IAP-214, IAP-224, IAP-304
D-LINK	DSR-1000AC
EXTREME NETWORKS	AP 7532
FORTINET	FAP-S313C, FAP-S323C, FAP-S323CR
HUAWEI	AP5130DN
JUNIPER NETWORKS	AX11
QUECLINK	WR220
TELTONIKA	RUTC40, RUTC41, RUTC42, RUTC50
OTHER	3 * RPSMA

VARIANT: S14HV.90.3NM

SIEMENS	6GK5748-1GD00-0AB0, 6GK5748-1GD00-0AA0, 6GK5788-1GD00-0AA0, 6GK5788-1GD00-0AB0
OTHER	3 * N-male

VARIANT: S14HV.90.3RT

CISCO

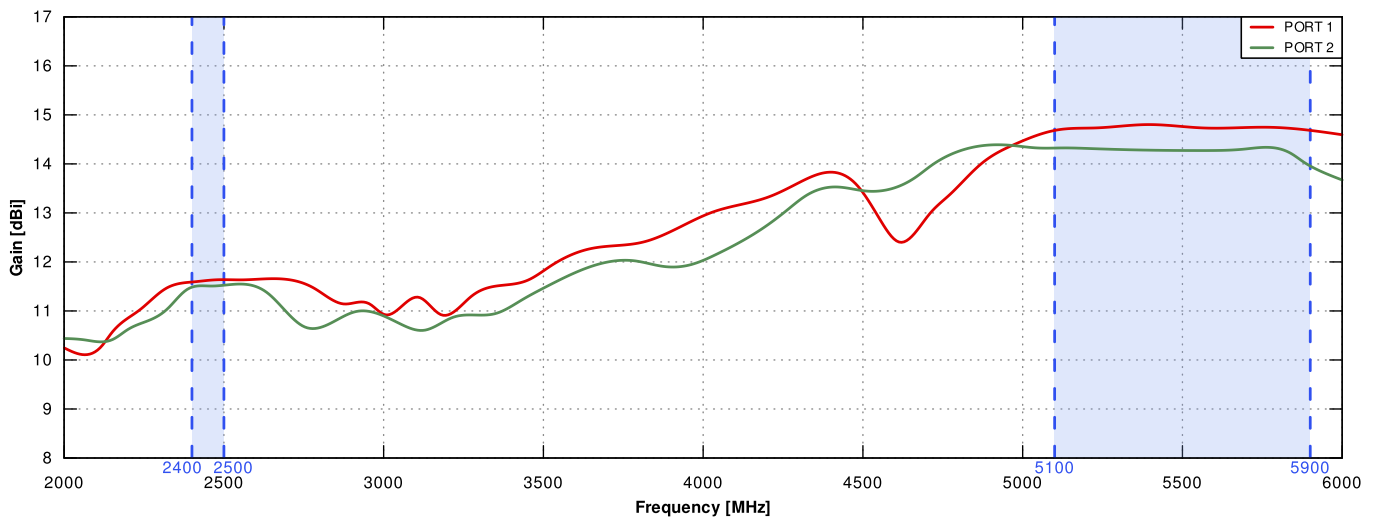
AIR-CAP1602E

OTHER

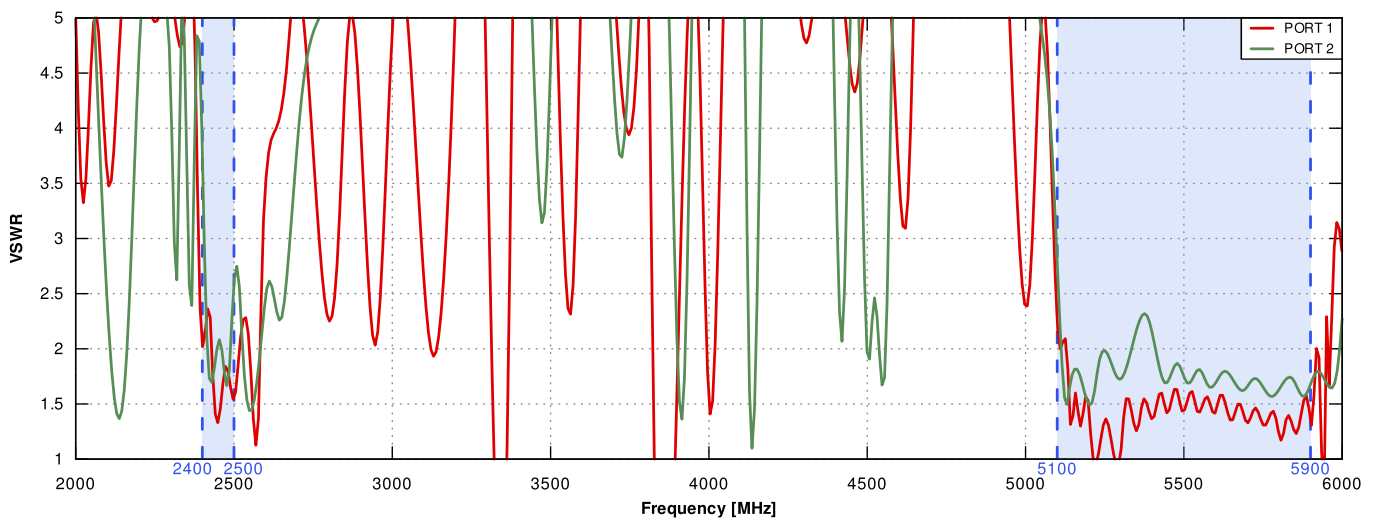
3 \* RPTNC

## PLOTS

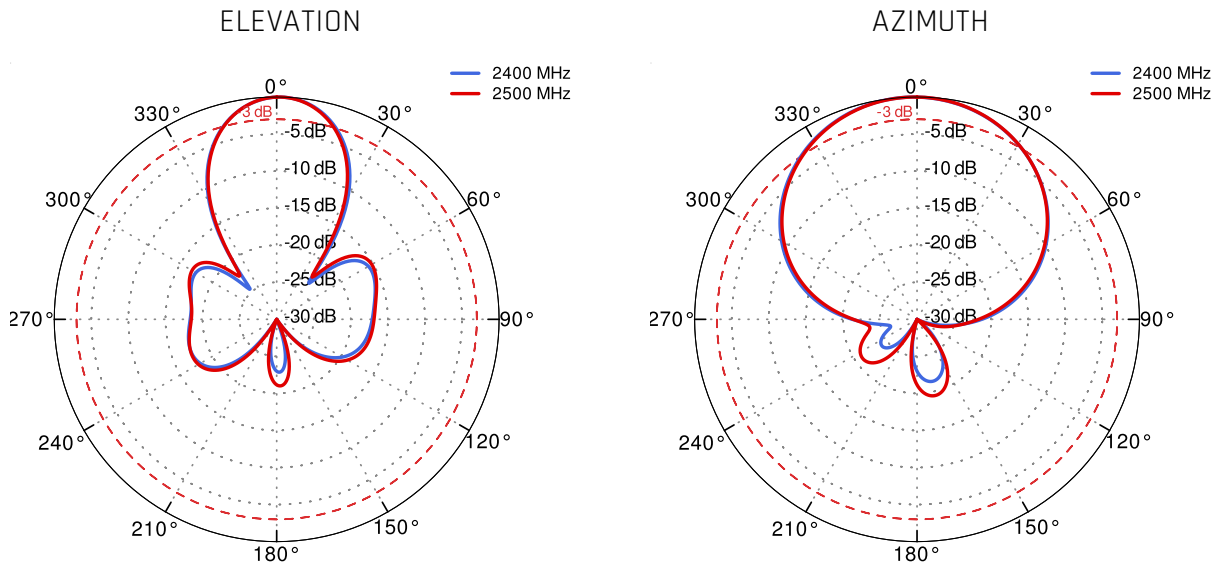
### Gain



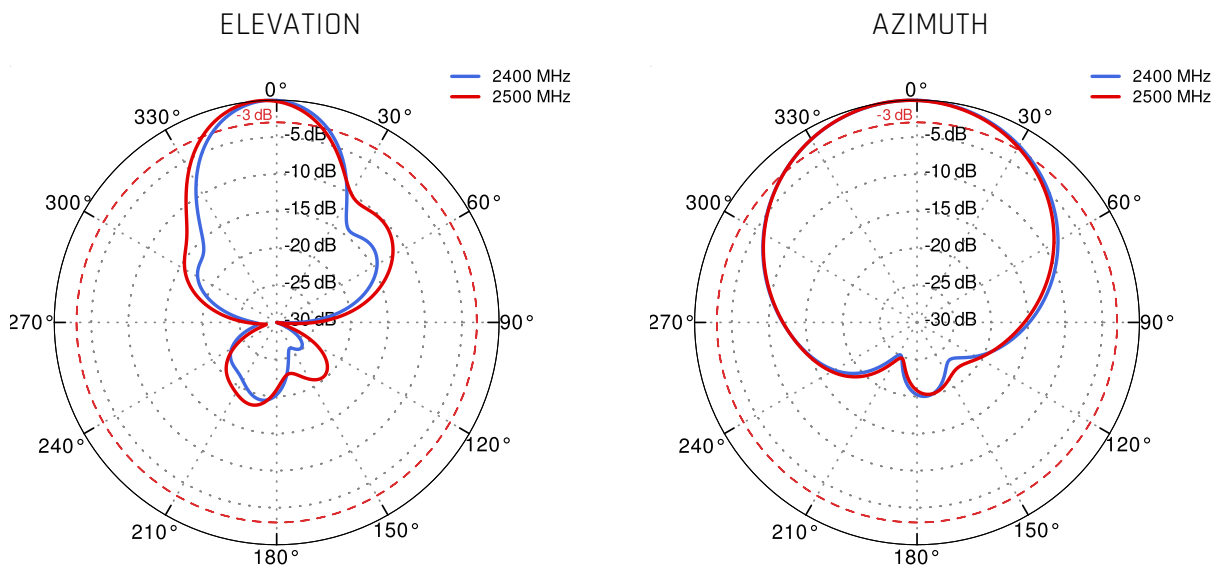
### VSWR



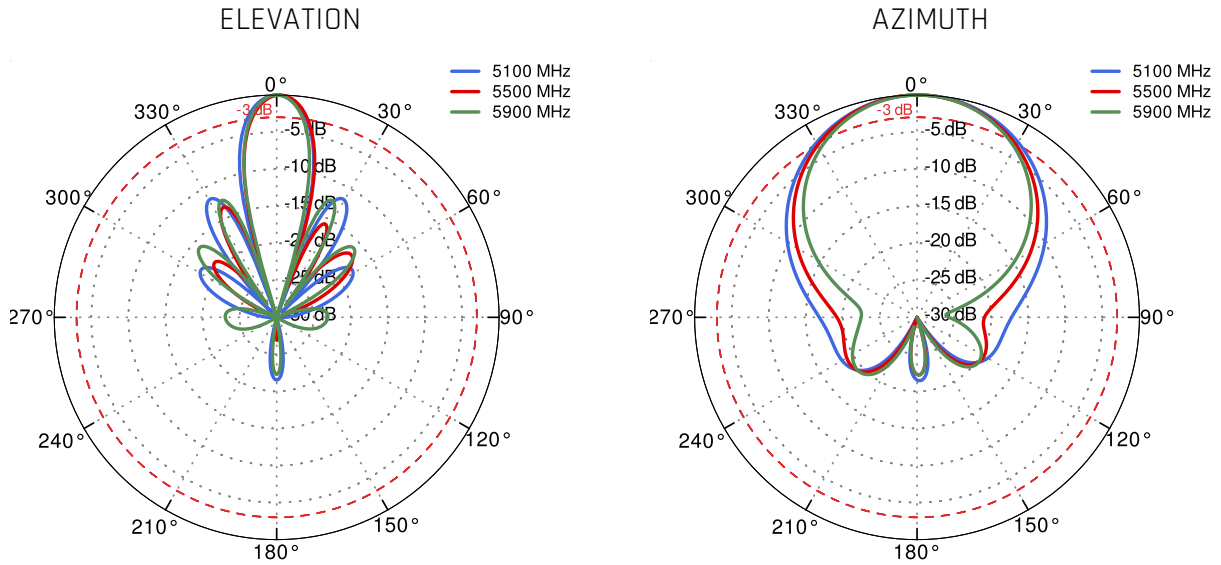
### PORT 1 From 2.4GHz to 2.5GHz



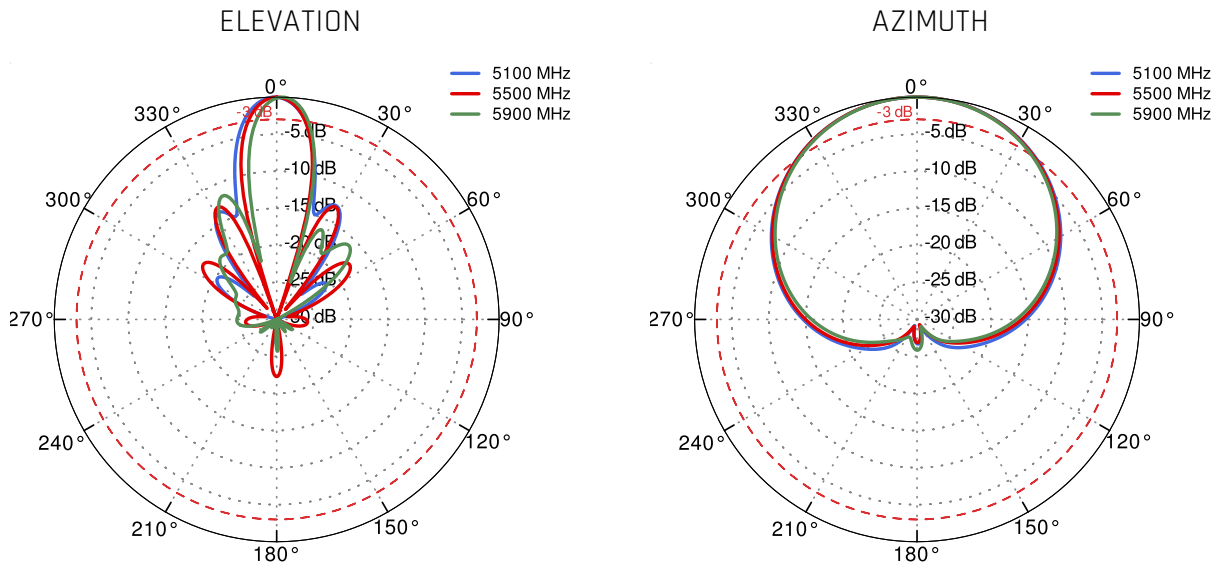
### PORT 2 From 2.4GHz to 2.5GHz



PORT 1 From 5.1GHz to 5.9GHz



PORT 2 From 5.1GHz to 5.9GHz



## DIMENSIONS

