

# QuSector 17HV-90-4

**QuSector 17HV-90-4 offers a 90 degrees, 17dBi gain signal with four dual-band connectors. It is a perfect indoor and outdoor device for industrial installations.**

QuSector 17HV-90-4 is a concurrent, dual-band, H&V polarity, MIMO 4x4 panel antenna. It simultaneously operates at 2.4GHz with 14dBi gain and 5GHz with 17dBi 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. High quality injection moulded enclosure allows to implement it alongside with indoor and IP67 outdoor solutions.

The antenna comes in three configurations: with 4\*70cm (28inch) cables terminated with Nm, RPSMA or RPTNC connectors.

QuSector 17HV-90-4 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

FREQUENCY	2.4 - 2.5GHz 5.1 - 5.9GHz
GAIN	14 dBi 17 dBi
VSWR	< 1.80
BEAMWIDTH	90°/16° 90°/8°
POLARIZATION	Horizontal Vertical
IMPEDANCE	50 $\Omega$
SEPARATION BETWEEN CONNECTORS	>30 dB
FRONT-TO-BACK	> 23dB >20dB
MAX INPUT POWER	50W
DC GROUND	Yes

## MECHANICAL SPECIFICATION

MATERIAL	ABS
CONNECTOR	4xRPSMA/4xNM/4xRPTNC
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: S17HV.90.4RS

ADTRAN	Bluesocket 1925
ADVANTECH	EKI-6333AC-2G, EKI-6333AC-4GP, EKI-6333AC-M12
ALCATEL-LUCENT	Stellar AP1222, Stellar AP1322
ARUBA	AP-314, AP-324, AP-334, AP-344, AP-514, AP-534, AP-634, IAP-314, IAP-324, IAP-334
COMSET	CM770W-6
D-LINK	DWL-6600AP, DWL-6610APE, DWL-8600AP
ENGENIUS	EAP1300EXT, ECW160, ECW260, ENS620EXT, ESW850
EXTREME NETWORKS	AP 305Cx, AP 8533, AP310e
FORTINET	AP1020E, AP822E, FAP-223C, FAP-223E, FAP-224D, FAP-433F, FAP-433G, FAP-C225C, FAP-U223EV, FAP-U432F
HUAWEI	AP6150DN
JUNIPER NETWORKS	AP41E
MIKROTIK	RB912
MIST	AP32E, AP41E, AP43E, AP61E
PEPLINK	Balance 310 fiber 5G, MAX HD2, MAX HD4
WAVETEL	W3604 Multi-WAN, W3608 Multi-WAN
WLINK	G930
OTHER	4 * RPSMA

## VARIANT: S17HV.90.4NM

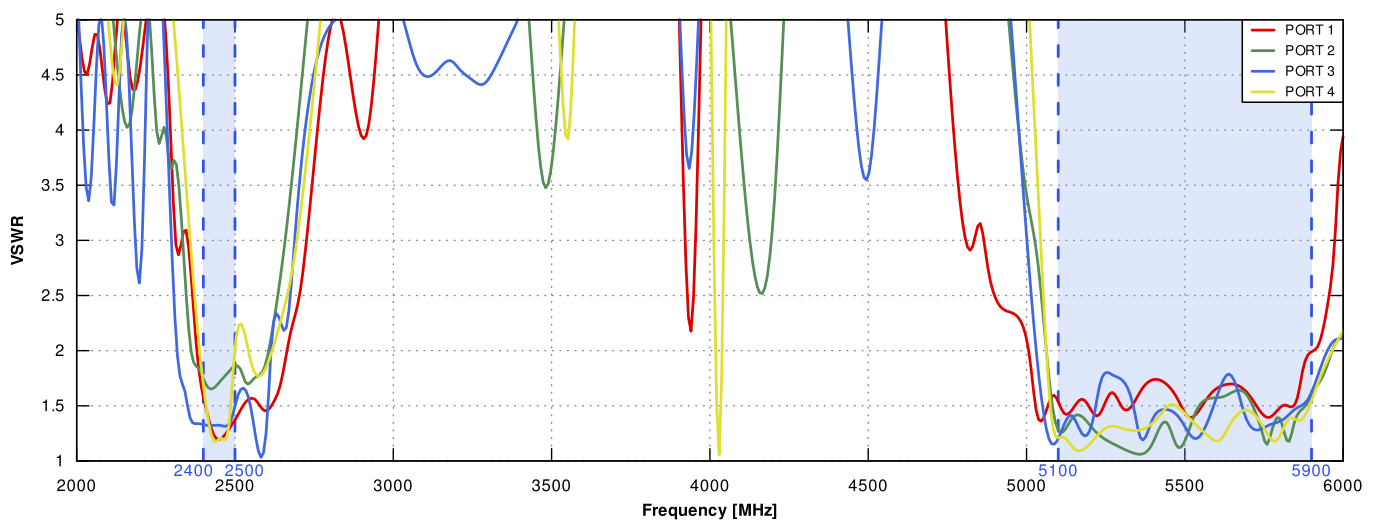
<b>AEROHIVE NETWORKS</b>	AP1130
<b>ARISTA</b>	O-105E
<b>CISCO</b>	AIR-AP1562E, AIR-AP1572EAC, AIR-AP1572EC, AIR-CAP1532E, IW3702-2E, IW3702-4E, IW6300, MR74, MR76, MR84, MR86
<b>D-LINK</b>	DWL-8710AP
<b>EXTREME NETWORKS</b>	AP 360E, AP 3965E
<b>FORTINET</b>	FAP-222C
<b>HUAWEI</b>	AP6510DN-AGN, AP6610DN-AGN, AP6760R-51E, AP8150DN
<b>PEPLINK</b>	AP Pro AX
<b>RUCKUS</b>	T750SE
<b>SIEMENS</b>	6GK5788-1GY01-0AA0, 6GK5748-1GY01-0AA0
<b>XIRRUS</b>	XH2-120
<b>OTHER</b>	4 * N-male

## VARIANT: S17HV.90.4RT

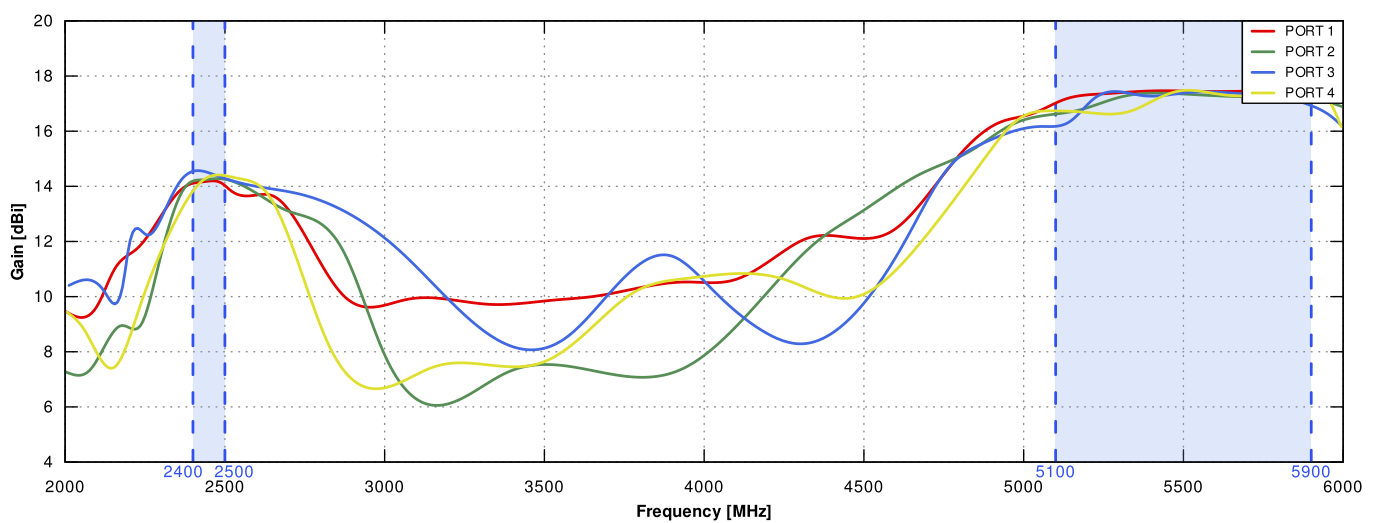
<b>CISCO</b>	AIR-AP1852E, AIR-AP2602E, AIR-AP2702E, AIR-AP2802E, AIR-AP3602E, AIR-AP3702E, AIR-AP3802E, AIR-AP3802P, AIR-CAP2702E, AIR-CAP3702E, AIR-CAP3702P, Catalyst 9115AXE, Catalyst 9120AXE, Catalyst 9120AXP, MR42E, MR46E, MR53E
<b>OTHER</b>	4 * RPTNC

## PLOTS

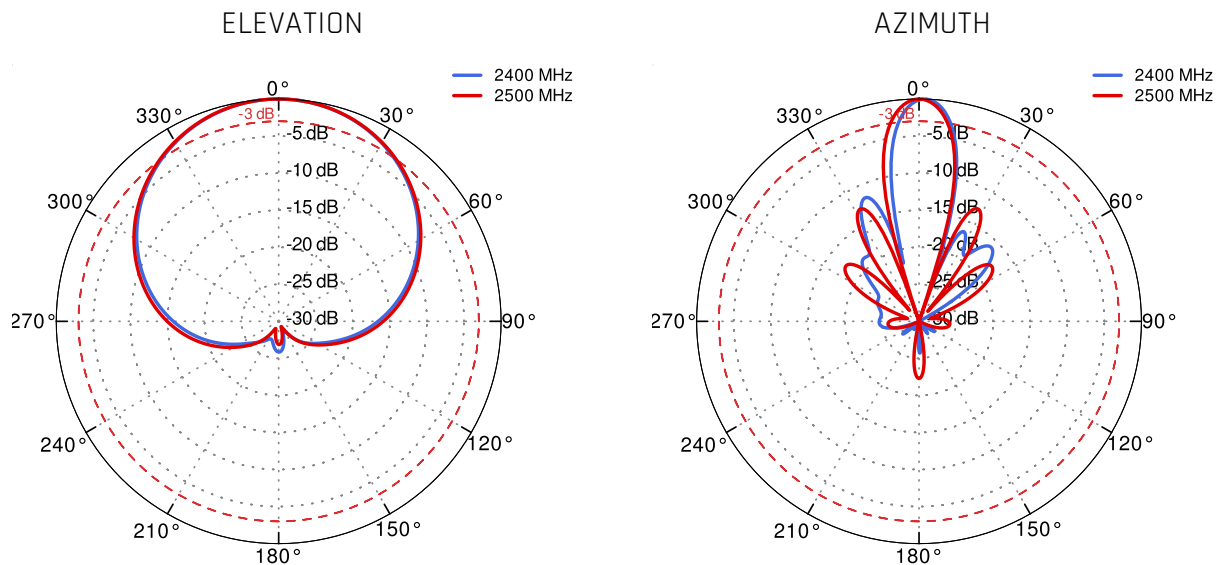
VSWR



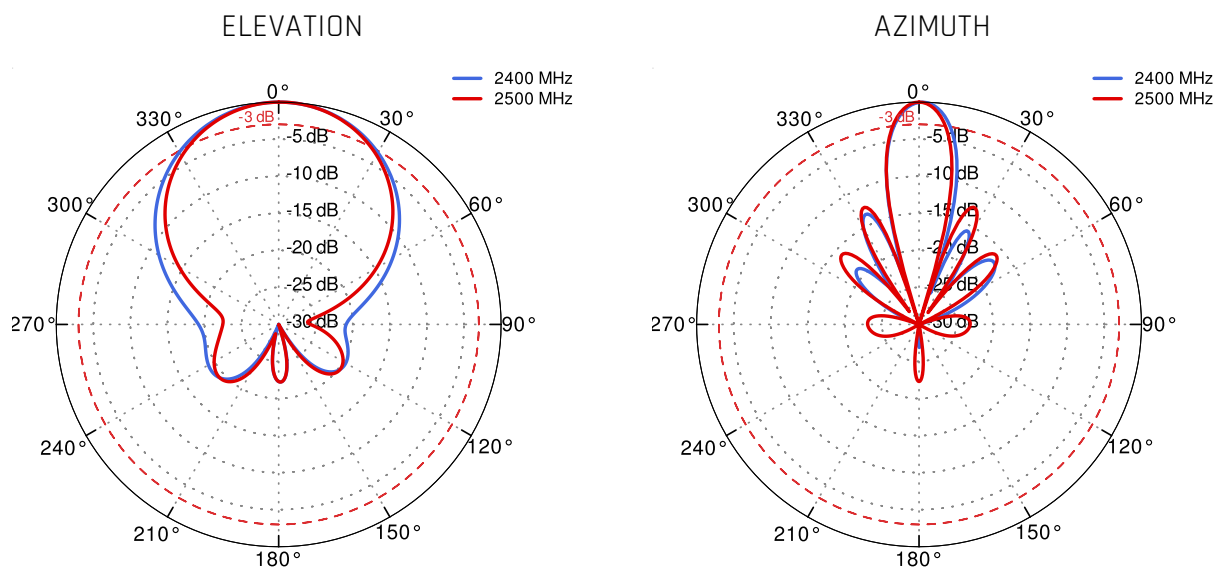
Gain



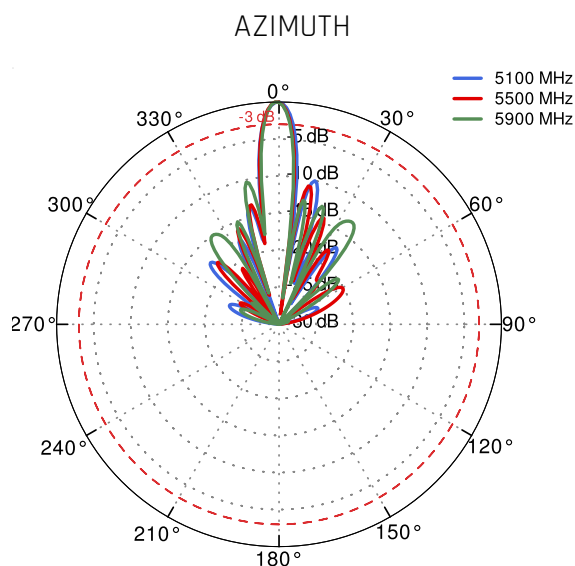
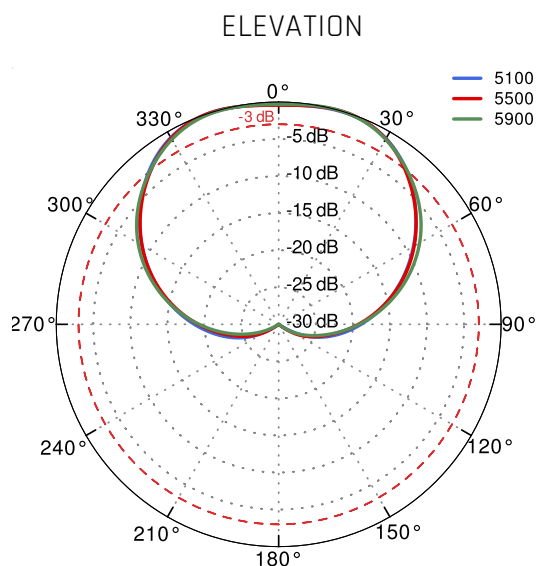
## PORT 1&3 From 2.4GHz to 2.5GHz



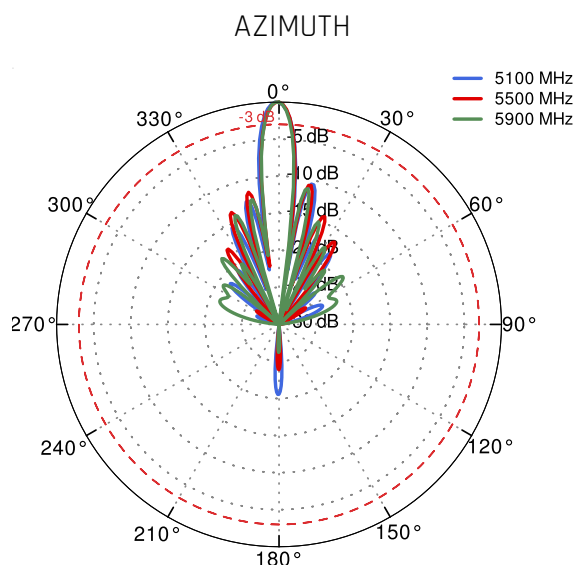
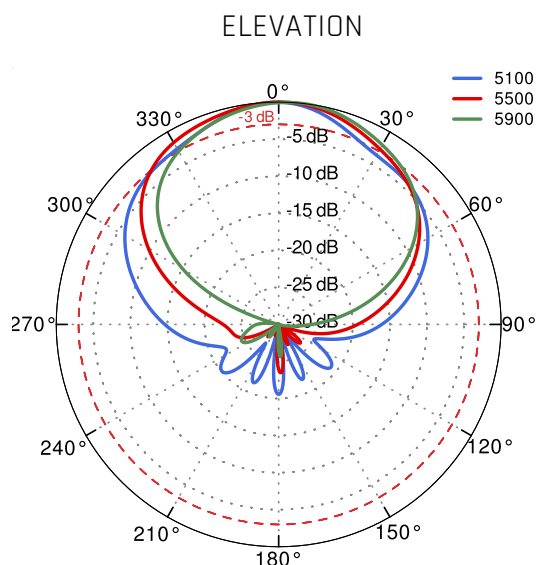
## PORT 2&4 From 2.4GHz to 2.5GHz



## PORT 1&3 From 5.1GHz to 5.9GHz



## PORT 2&4 From 5.1GHz to 5.9GHz





## DIMENSIONS

