


# QuSector 17HV-90-4 Wi-Fi 6E

**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, Wi-Fi 6E, 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.

**Wi Fi 6E**  
2.4GHz + 5GHz  
17 dBi  
DIRECTIONAL  
IP 67  
-40° TO +80°  
4x4 MIMO

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

## MECHANICAL SPECIFICATION

|                       |   |
|-----------------------|---|
| MATERIAL              | ABS   |
| CONNECTOR             | 4xRPSMA/4xNM/4xRPTNC                              |
| OUTER DIMENSIONS      | 39.2 x 39.6 x 7.7 cm<br>15.43 x 15.59 x 3.03 inch |
| WEIGHT                | 1.8 kg  |
| OPERATING TEMPERATURE | -40°C to +80°C<br>-40°F to 176°F                  |

## MOUNTING KIT

|                     |  |
|---------------------|--|
| DIMENSIONS          | 9.9 x 10.5 x 14.8 cm<br>3.9 x 4.13 x 5.83 inch       |
| REGULATION RANGE    | +/- 30°  |
| MAST DIAMETER RANGE | 25 - 66mm<br>0.98-2.60 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>RAJANT</b>            | BreadCrumb ES1-5050CS, BreadCrumb LX5-2255A, BreadCrumb LX5-2255B, BreadCrumb LX5-2455D, Hawk BreadCrumb FE1-4950, Hawk BreadCrumb® FE1-5050 / FE1-5050A, Peregrine BreadCrumb® FE1-2255B, Peregrine LTE BreadCrumb FE1-2455LS, Peregrine LTE BreadCrumb FE1-2455LW, Sparrow BreadCrumb ME5-5050CS |
| <b>AEROHIVE NETWORKS</b> | AP1130   |
| <b>ARISTA</b>            | O-105E   |
| <b>CISCO</b>             | AIR-AP1562E, AIR-AP1572EAC, AIR-AP1572EC, AIR-CAP1532E, Catalyst 9163E, 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>RAJANT</b>            | BreadCrumb ES1-5050CS, BreadCrumb LX5-2255A, BreadCrumb LX5-2255B, BreadCrumb LX5-2455D, Hawk BreadCrumb FE1-4950, Hawk BreadCrumb® FE1-5050 / FE1-5050A, Peregrine BreadCrumb® FE1-2255B, Peregrine LTE BreadCrumb FE1-2455LS, Peregrine LTE BreadCrumb FE1-2455LW, Sparrow BreadCrumb ME5-5050CS |
| <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

**CISCO**

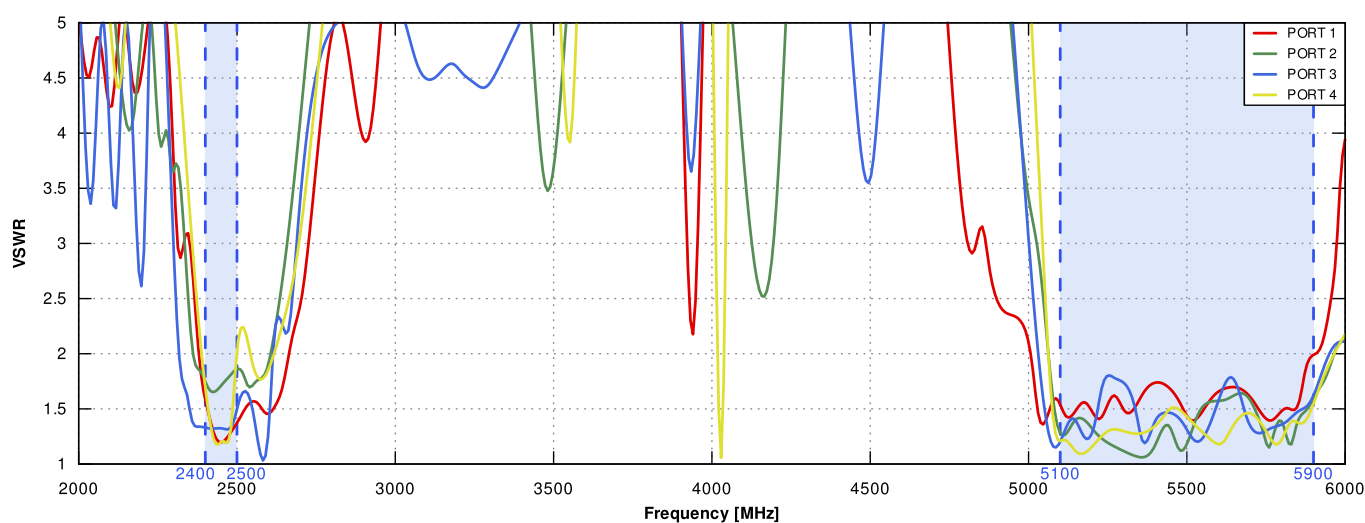
AIR-AP1852E, AIR-AP2602E, AIR-AP2702E, AIR-AP2802E, AIR-AP3602E, AIR-AP3702E, AIR-AP3802E, AIR-AP3802I, AIR-AP3802P, AIR-CAP2702E, AIR-CAP3702E, AIR-CAP3702P, Catalyst 9115AXE, Catalyst 9120AXE, Catalyst 9120AXP, MR42E, MR46E, MR53E

**OTHER**

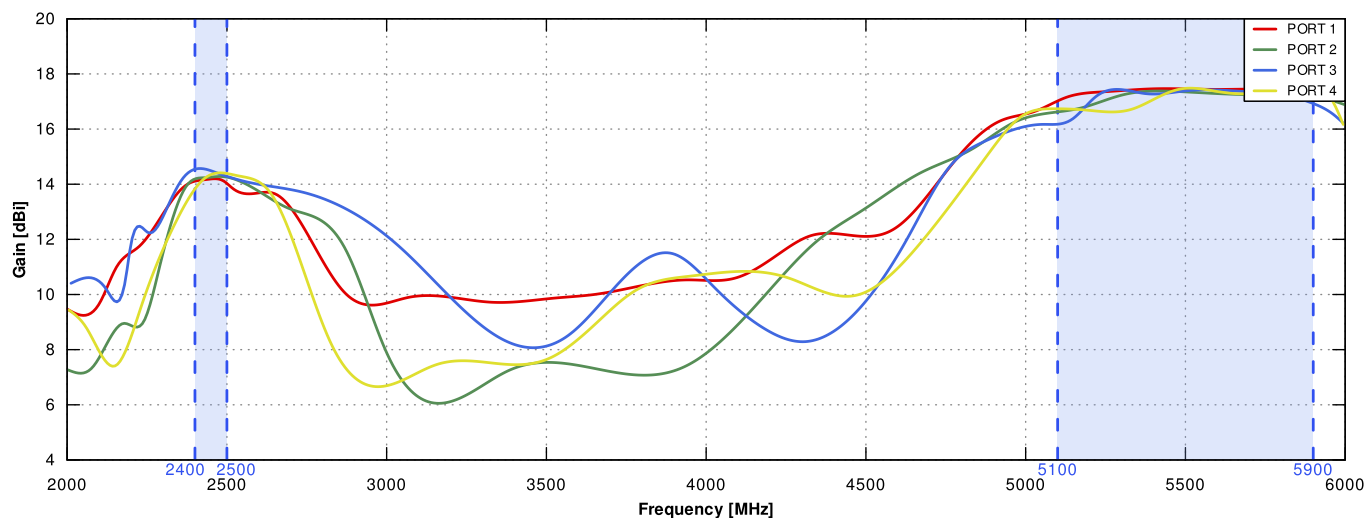
4 \* RPTNC

## PLOTS

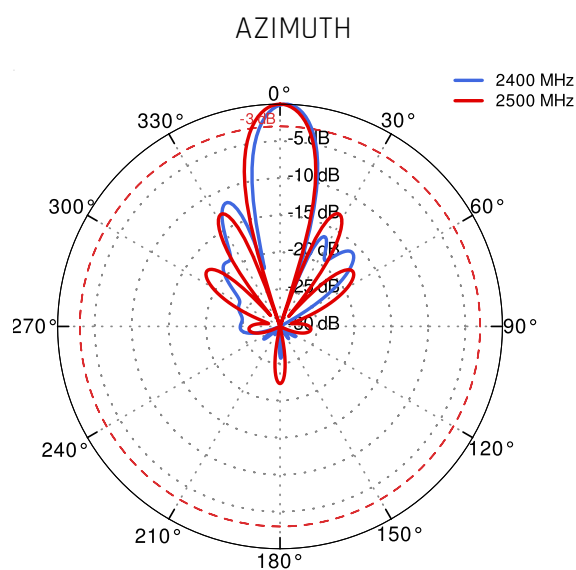
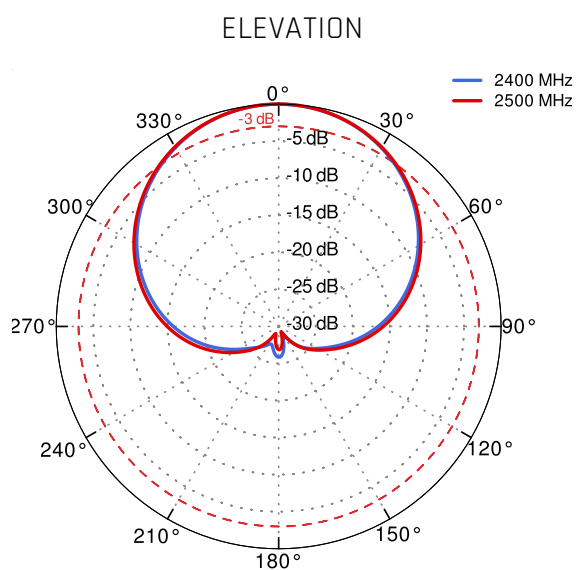
VSWR



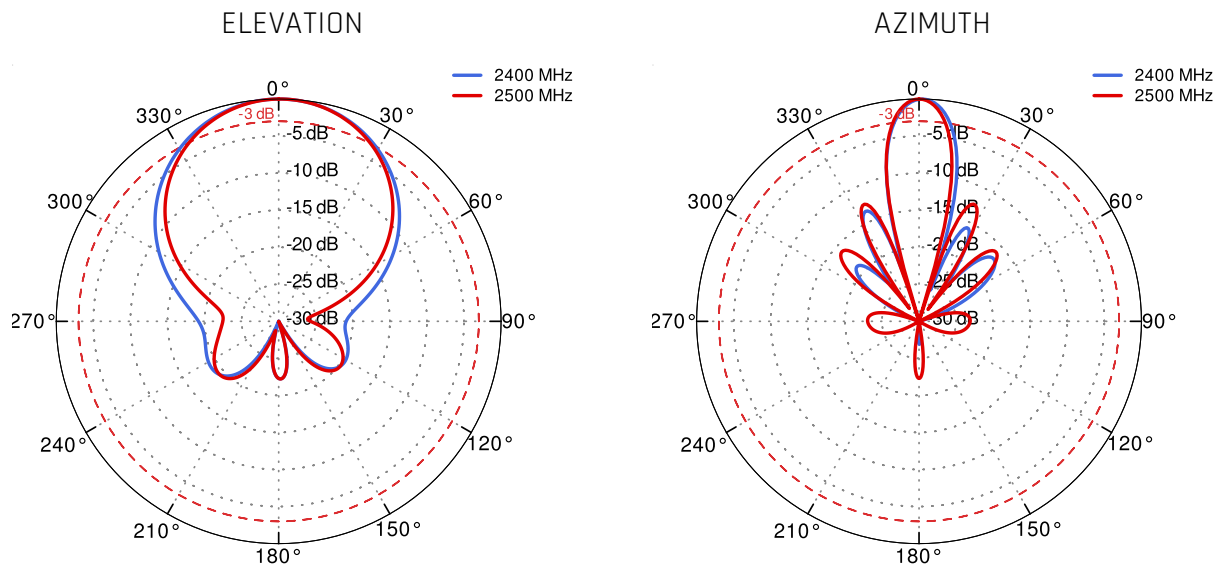
## Gain



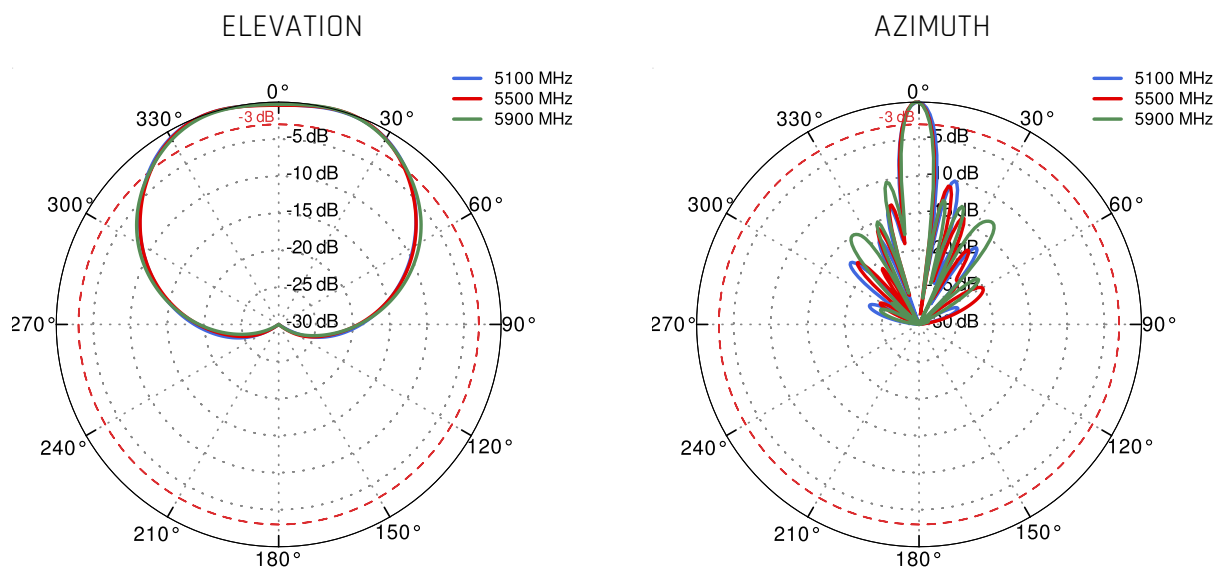
## PORT 1&3 From 2.4GHz to 2.5GHz



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

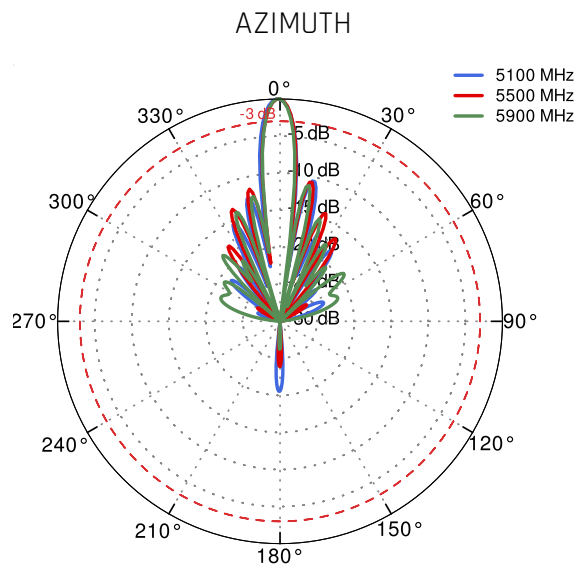
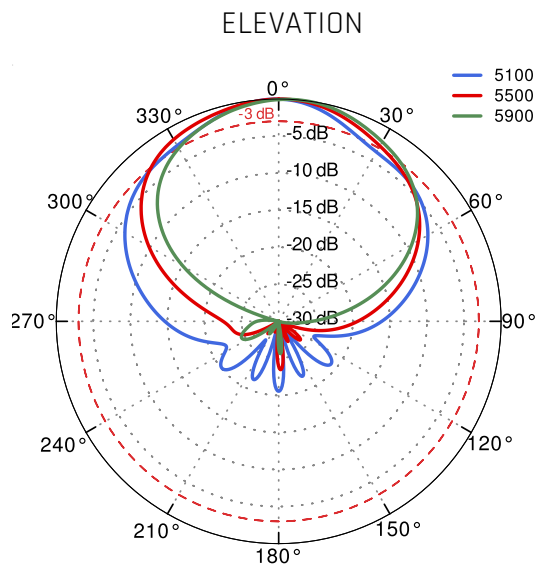


## PORT 1&3 From 5.1GHz to 5.9GHz





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



## DIMENSIONS

