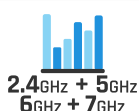


# QuSector 9HV-65-2 Wi-Fi 6E Nf

QuSector 9HV-65-2 Wi-Fi 6E Nf offers a 65 degrees, 8dBi (2.4GHz) & 9dBi (5GHz-7GHz) gain signal. It is a perfect indoor and outdoor device for industrial installations.

QuSector 9HV-65-2 Nf is a concurrent dual band, H&V polarity, MIMO 2x2 panel antenna. It simultaneously operates at **2.4GHz** with 8dBi gain and at **5GHz-7GHz** with 9dBi 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. It is a futureproof solution with **Wi-Fi 6E** and **Wi-Fi 7** support. High quality injection moulded enclosure allows to implement it alongside with indoor and IP67 outdoor solutions. Wide frequency range (2.4-2.5GHz & 5-7.125GHz) helps to find suitable frequency for the most effective operation. It is designed to be applied mainly to special access points working in the systems where two bands (frequencies) are diplexed for one antenna connector. The antenna comes with two Nf connectors. QuSector 9HV-65-2 was designed to be a perfect match for your access point.

 **Wi-Fi 6E** **2x2 MIMO**  
**2.4GHz + 5GHz  
6GHz + 7GHz**  
**9 dBi**  
**DIRECTIONAL**  
**IP 67**  
**-40° TO +80°**

ADJUSTABLE, POLE **MOUNTING**  
**SYSTEM**



OUTDOOR ANTENNA WORKS IN **ANY**  
**WEATHER CONDITIONS, IP67**



MADE IN **EUROPE**



## WI-FI SPECIFICATION

|                               |  |
|-------------------------------|--|
| FREQUENCY                     | 2.4 - 2.5 GHz<br>5 - 7.125 GHz                     |
| GAIN                          | 2.4 - 2.5 GHz: 8 dBi<br>5 - 7.125 GHz: 9 dBi       |
| VSWR                          | < 1.80   |
| BEAMWIDTH                     | 2.4 - 2.5 GHz - 65°/65°<br>5 - 7.125 GHz - 60°/60° |
| POLARIZATION                  | Horizontal<br>Vertical                             |
| IMPEDANCE                     | 50 $\Omega$  |
| SEPARATION BETWEEN CONNECTORS | 2.4 - 2.5 GHz: > 33dB                              |
| FRONT-TO-BACK                 | 2.4 - 2.5 GHz: 20dB<br>4.9 - 6 GHz: 25dB           |
| MAX INPUT POWER               | 50W  |
| DC GROUND                     | Yes  |

## MECHANICAL SPECIFICATION

|                       |   |
|-----------------------|---|
| MATERIAL              | ABS   |
| CONNECTOR             | 2xNF  |
| OUTER DIMENSIONS      | 16.5 x 16.5 x 4.5 cm<br>6.5 x 6.5 x 1.77 inch |
| WEIGHT                | 0.9 kg  |
| OPERATING TEMPERATURE | -40°C to +80°C<br>-40°F to 176°F              |

## MOUNTING KIT

|                |                            |
|----------------|----------------------------|
| MATERIAL       | Galvanized steel           |
| WEIGHT         | 0.3 kg                     |
| MOUNTING PLACE | Mast                       |
| MAST DIAMETER  | 40-60 mm<br>1.57-2.36 inch |

## COMPATIBLE ROUTERS

VARIANT: S9HV.65.2NF

|                  |   |
|------------------|---|
| TELTONIKA        | RUT900, RUT901, RUT950, RUT951, RUT955, RUT956, RUTX10, RUTX11, RUTX12, RUTX50  |
| DIGI             | TX54 LTE-Advanced, TX64, WR44 RR  |
| ROBUSTEL         | EG5100, EG5120, EG5200, R1520 Global, R1520-4L (S), R1520-4L (V), R2010, R2011, R201x, R5020, R5020 Lite                    |
| ACKSYS           | AirBox LTE, AirBox/10, AirLink, AirWan, AirXroad, AirXroad/4P, RuggedAir100   |
| ANYBUS           | Wireless Router WLAN, WLAN Access Point IP30, WLAN Access Point IP67  |
| ARUBA            | AP-204, AP-504, IAP-204, RAP-108  |
| CAMBIUM NETWORKS | ePMP 4600L  |
| CISCO            | Catalyst IW9165D  |
| COMSET           | CM210A-W, CM210Q-W, CM510Q-W, CM550W, CM580W, CM685V-1, CM685V-4, CM685V-6, CM685V-6-G, CM685VX, CM820Q-4, CM820Q-6, CM950W |
| CRADLEPOINT      | E300, IBR600C, IBR900, R1900, R500, R920, S700, W4005   |
| D-LINK           | DAP-1665, DAP-2020, DAP-2310, DAP-2360, DBA-3621P, DIS-2650AP, DWL-8720AP, N300 4G  |
| DIGI             | TX54 LTE-Advanced, TX64, WR44 RR  |
| ENGENIUS         | ENS500EXT   |
| EXTREME NETWORKS | AP 3917, AP 7522, AP 7522E, AP122X, AP305CX   |

|                        |   |
|------------------------|---|
| <b>FORTINET</b>        | FAP-233G, FAP-U432F   |
| <b>FOUR-FAITH</b>      | 5G Industrial Router F-NR100, 5G SIM WiFi Router F-NR120, 5G Smart Light Pole Gateway F-G300, Edge Computing Gateway F-G100   |
| <b>HUAWEI</b>          | AP4051DN, AP4130DN, AP4151DN  |
| <b>MERU</b>            | AP1010E   |
| <b>MIKROTIK</b>        | L009UiGS-2HaxD-IN, L11UG-5HaxD, RB922   |
| <b>PEPLINK</b>         | AP One Rugged, B One, Balance 20X, BR1 Pro (CAT-20), BR1 Pro CAT-20, BR2 PRO, MAX BR1 Mini M2M, MAX BR1 MK2, MAX BR1 Pro, MAX BR1 Pro 5G, MAX Transit, MAX Transit Duo Pro, UBR Plus  |
| <b>PERLE</b>           | IOLAN SCG W Secure Console Server, IOLAN SCG WM Secure Console Server, IOLAN SDG W Serial Device Servers  |
| <b>PROROUTE</b>        | H685 LTE 4G CAT6 Router, H685 WRT M2M 5G Router, H900 5G Router   |
| <b>ROBUSTEL</b>        | EG5100, EG5120, EG5200, R1520 Global, R1520-4L (S), R1520-4L (V), R2010, R2011, R201x, R5020, R5020 Lite  |
| <b>RUCKUS</b>          | T350SE  |
| <b>SIEMENS</b>         | 6GK5763-1AL00-7DA0, 6GK5766-1GE00-7DB0, 6GK5763-1AL00-3AA0, 6GK5763-1AL00-3DA0, 6GK5763-1AL00-7DB0, 6GK5766-1GE00-3DA0, 6GK5766-1GE00-3DB0, 6GK5766-1GE00-7DA0, 6GK5766-1GE00-7TA0, 6GK5766-1GE00-7TB0, Scalance W734 RJ45, Scalance W738 M12, Scalance W774 M12 EEC, Scalance W774 RJ45, Scalance W778-1 M12, Scalance W778-1 M12 EEC, SCALANCE W786 |
| <b>SIERRA WIRELESS</b> | AirLink RV55, AirLink RX55  |
| <b>TELTONIKA</b>       | RUT900, RUT901, RUT950, RUT951, RUT955, RUT956, RUTX10, RUTX11, RUTX12, RUTX50  |

**WAVETEL**

W240 4G/LTE, W2400 LTE , W3600 4G/LTE Dual WAN, W4600, W4600-NR 5G, W4600-S2, WNR320 5G, WNR340 5G, WNR5601 5G

**WLINK**

ER120, G200, G230, G510, G520, G530, G530, R220, R520

**XIRRUS**

XR-520H

**ZYXEL**

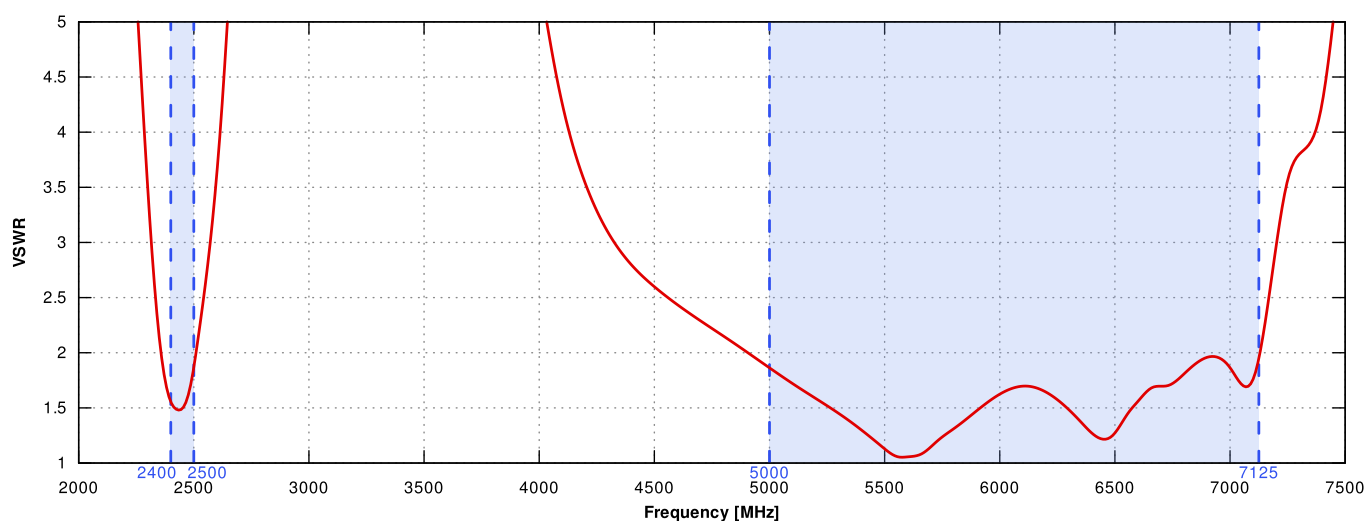
LTE3301-PLUS, NWA55AXE

**OTHER**

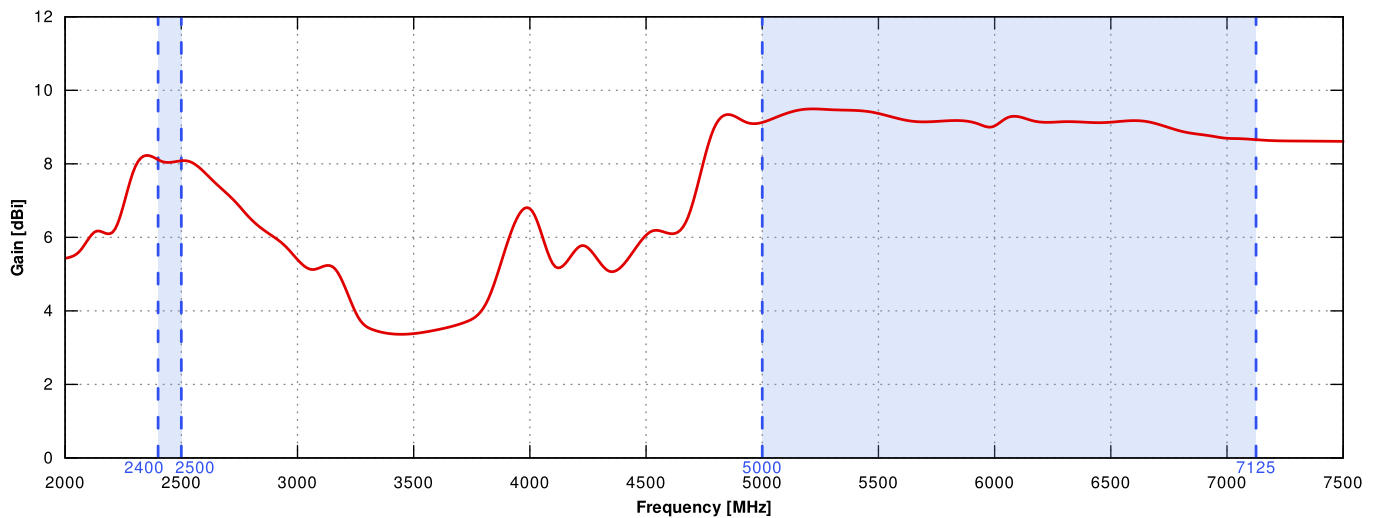
2 \* N-male, 2 \* RPSMA, 2 \* RPTNC

## PLOTS

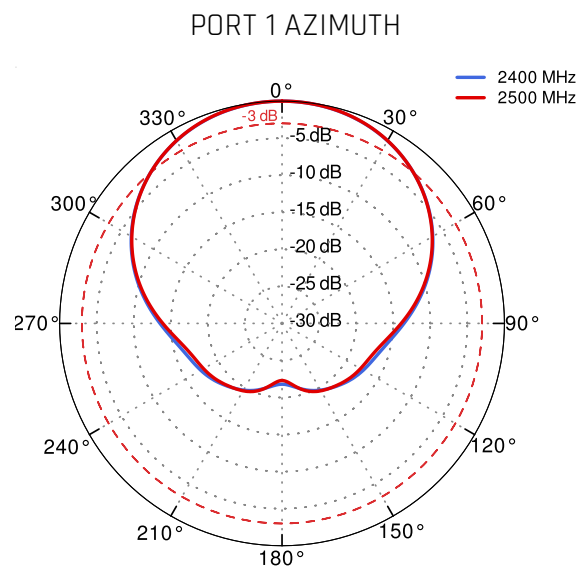
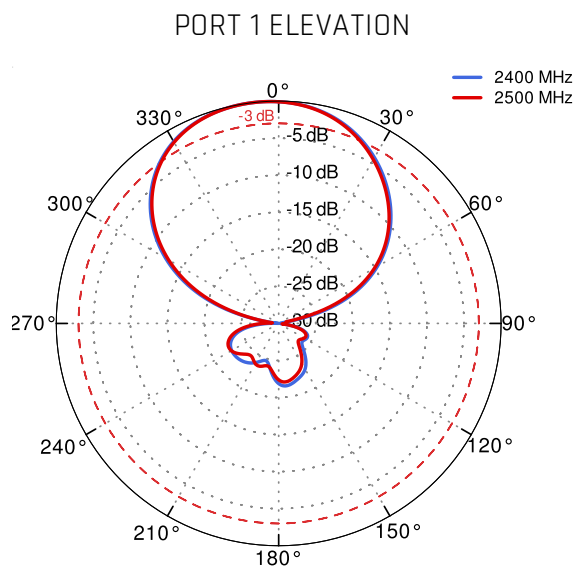
VSWR



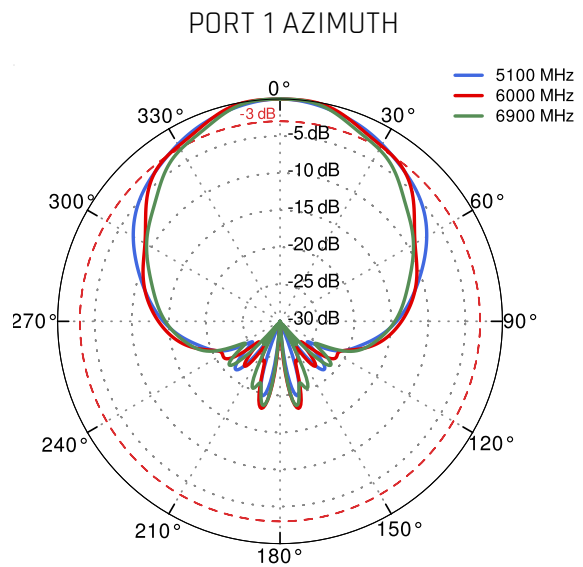
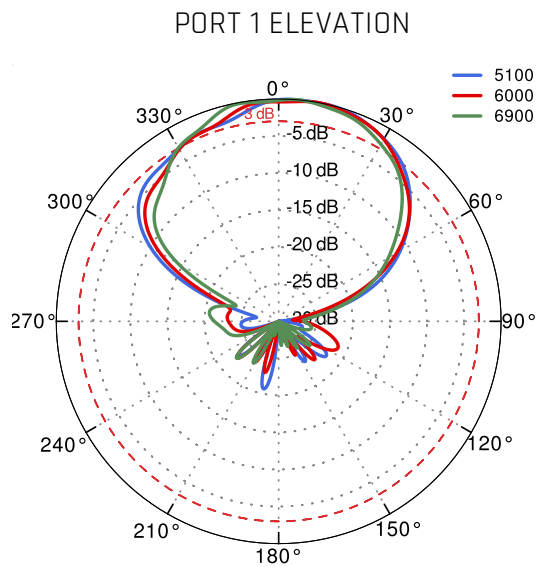
## Gain



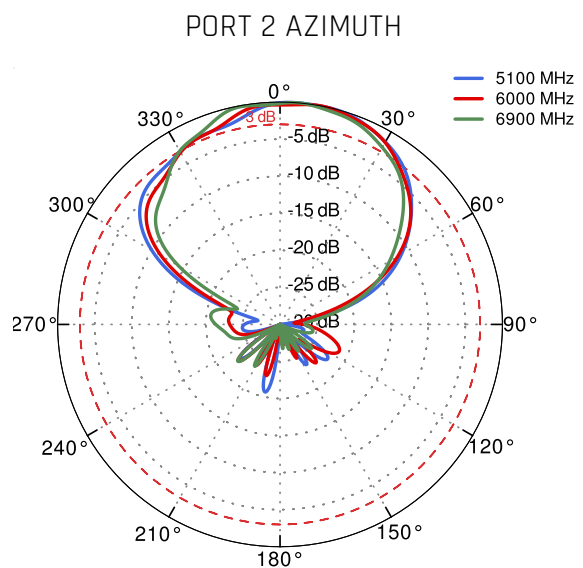
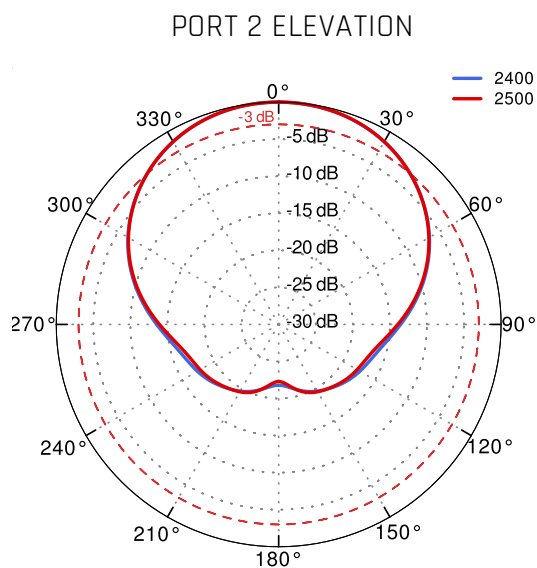
## Port 1 from 2.4GHz to 2.5GHz



## Port 1 from 5GHz to 6GHz

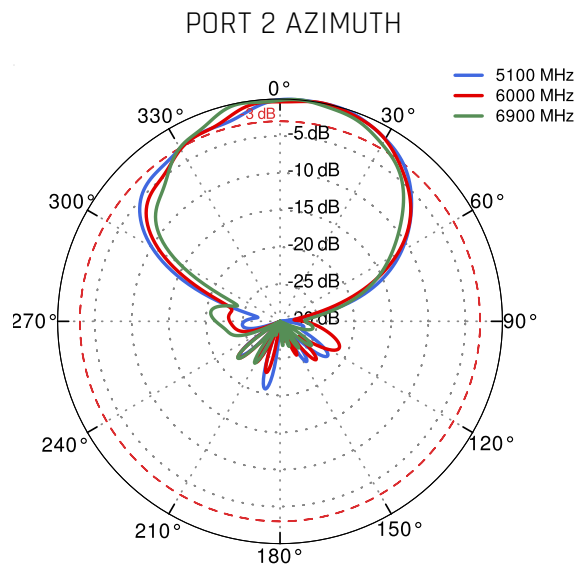
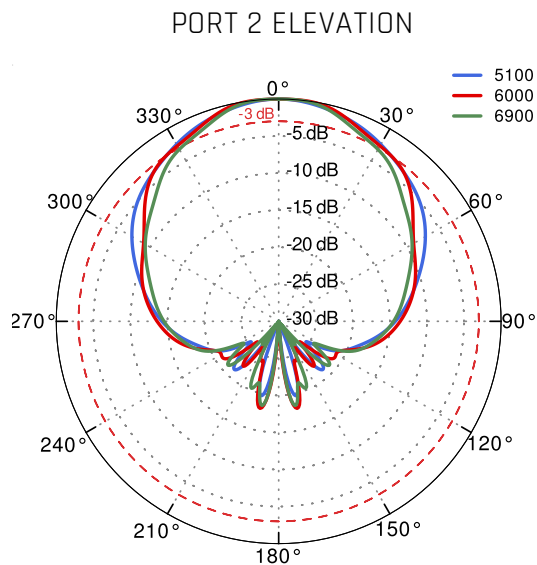


## Port 2 from 2.4GHz to 2.5GHz





Port 2 from 5GHz to 6GHz



## DIMENSIONS

