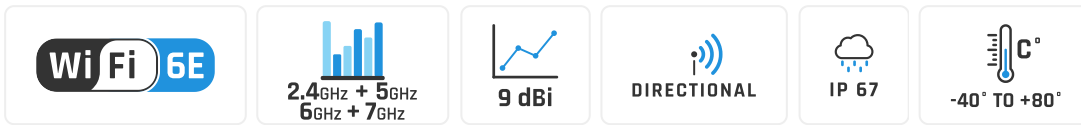


# QuSector 9HV-65-3 Wi-Fi 6E

QuSector 9HV-65-3 Wi-Fi 6E 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-65-3 is a concurrent dual band, H&V polarity, MIMO 3x3 panel antenna. It simultaneously operates at **2.4GHz** with 8dBi gain and at **5GHz-7GHz** with 9dBi gain. It is a futureproof solution with **Wi-Fi 6E** and **Wi-Fi 7** support. 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. 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 in following configurations: 3\*70cm (28inch) cables terminated with Nm, RPSMA, RPTNC connectors. QuSector 9HV-65-3 was designed to be a perfect match for your access point.



 **ADJUSTABLE, POLE MOUNTING SYSTEM**

 **ANTENNA PERFECTLY MATCHED WITH THE ROUTER**

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

 **MADE IN EUROPE**



## WI-FI SPECIFICATION

|                                      |  |
|--------------------------------------|--|
| <b>FREQUENCY</b>                     | 2.4 - 2.5 GHz<br>5 - 7.125 GHz                     |
| <b>GAIN</b>                          | 2.4 - 2.5 GHz: 8 dBi<br>5 - 7.125 GHz: 9 dBi       |
| <b>VSWR</b>                          | < 1.80   |
| <b>BEAMWIDTH</b>                     | 2.4 - 2.5 GHz - 65°/65°<br>5 - 7.125 GHz - 60°/60° |
| <b>POLARIZATION</b>                  | Horizontal<br>Vertical                             |
| <b>IMPEDANCE</b>                     | 50 $\Omega$  |
| <b>SEPARATION BETWEEN CONNECTORS</b> | 2.4 - 2.5 GHz: > 33dB                              |
| <b>FRONT-TO-BACK</b>                 | 2.4 - 2.5 GHz: 20dB<br>4.9 - 6 GHz: 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>      | 16.5 x 16.5 x 4.5 cm<br>6.5 x 6.5 x 1.77 inch |
| <b>WEIGHT</b>                | 0.9 kg  |
| <b>OPERATING TEMPERATURE</b> | -40°C to +80°C<br>-40°F to 176°F              |

## MOUNTING KIT

|                       |                            |
|-----------------------|----------------------------|
| <b>MATERIAL</b>       | Galvanized steel           |
| <b>WEIGHT</b>         | 0.3 kg                     |
| <b>MOUNTING PLACE</b> | Mast                       |
| <b>MAST DIAMETER</b>  | 40-66 mm<br>1.57-2.60 inch |

## COMPATIBLE ROUTERS

VARIANT: S9HV.65.3RT

**CISCO**

AIR-AP1602E

**OTHER**

3 \* RPTNC

VARIANT: S9HV.65.3RS

**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: S9HV.65.3NM

SIEMENS

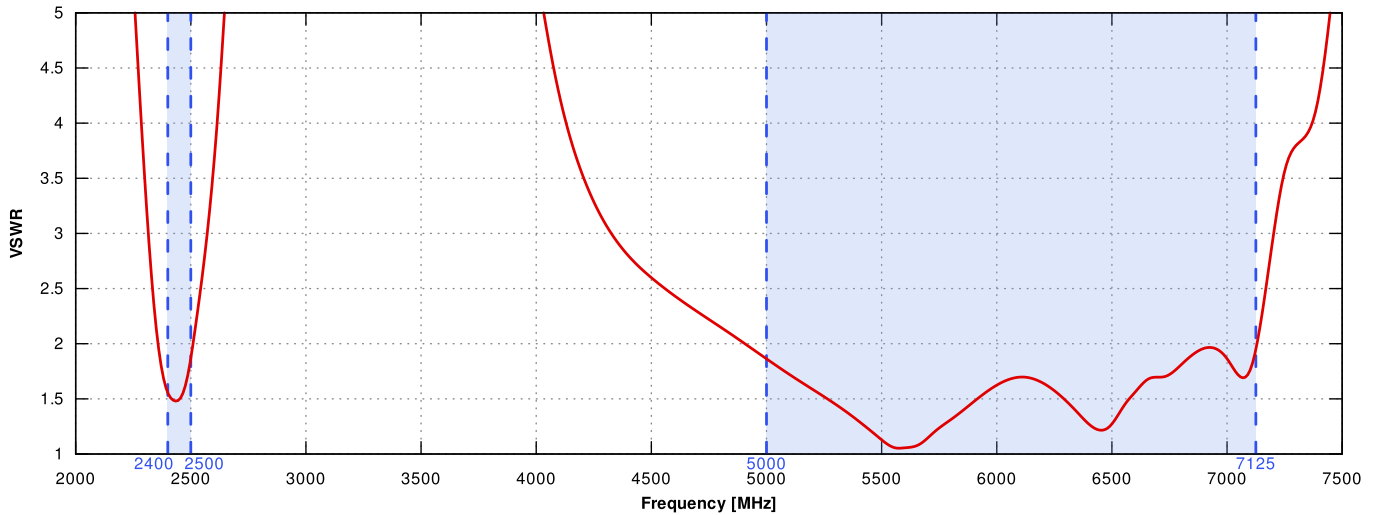
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OTHER

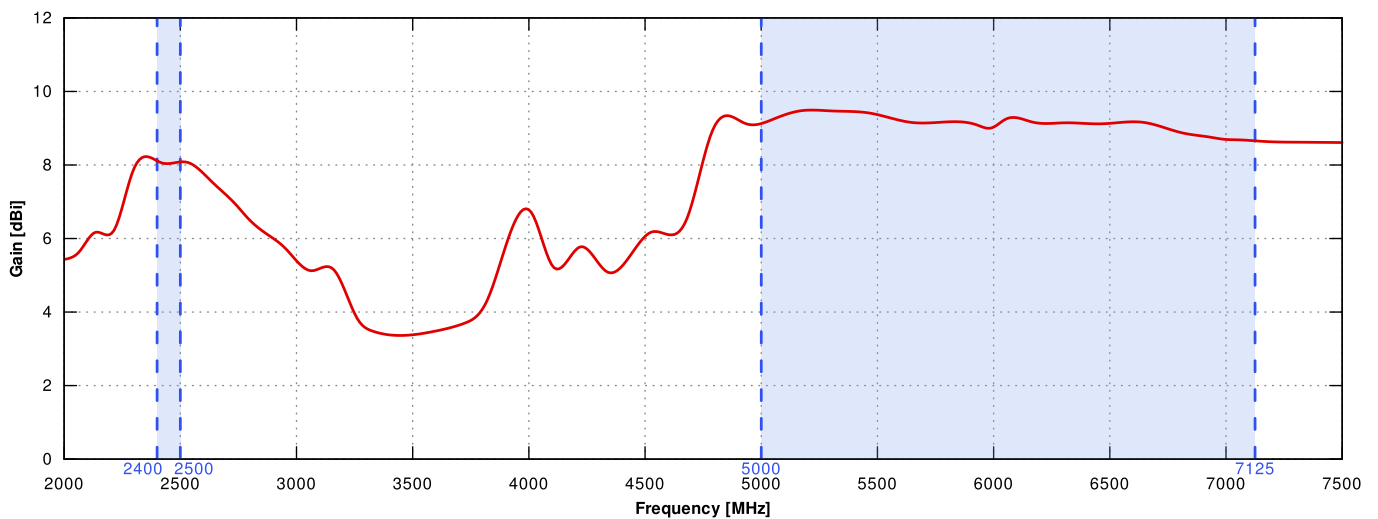
3 \* N-male

## PLOTS

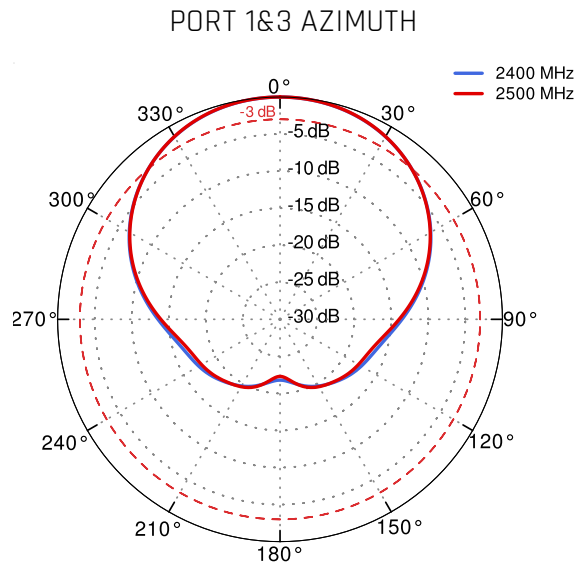
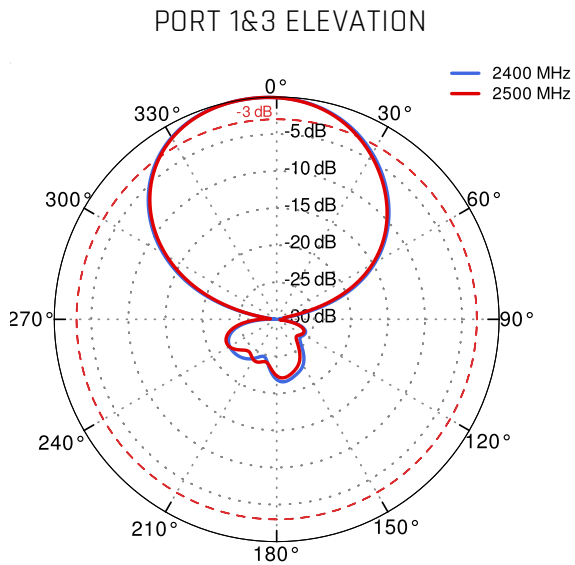
VSWR



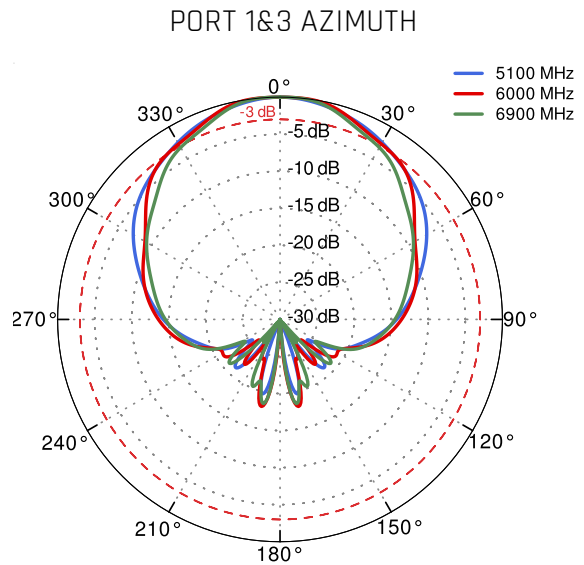
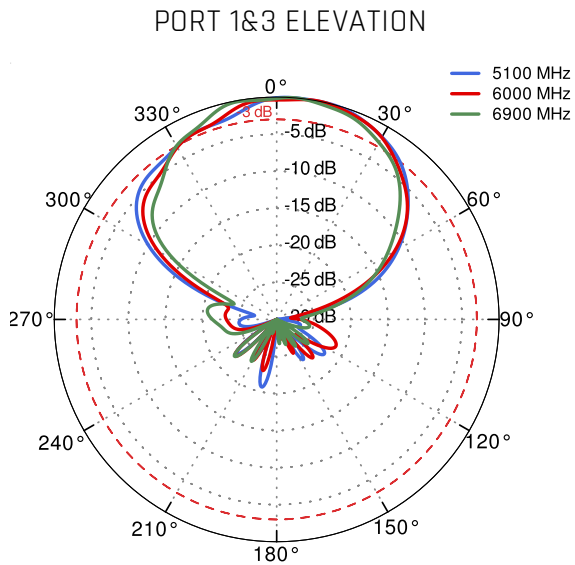
Gain



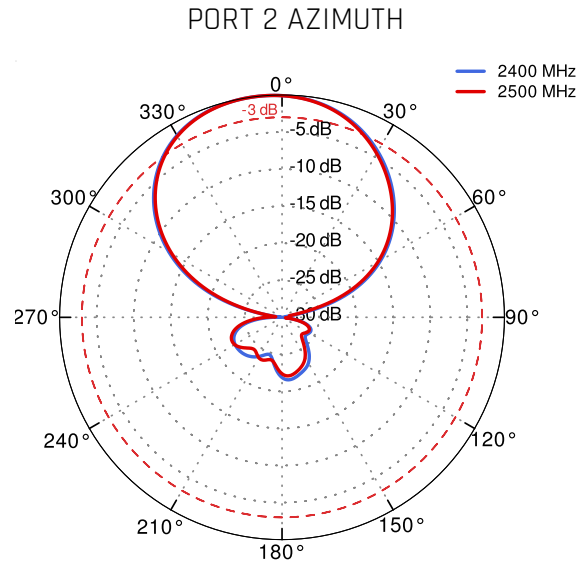
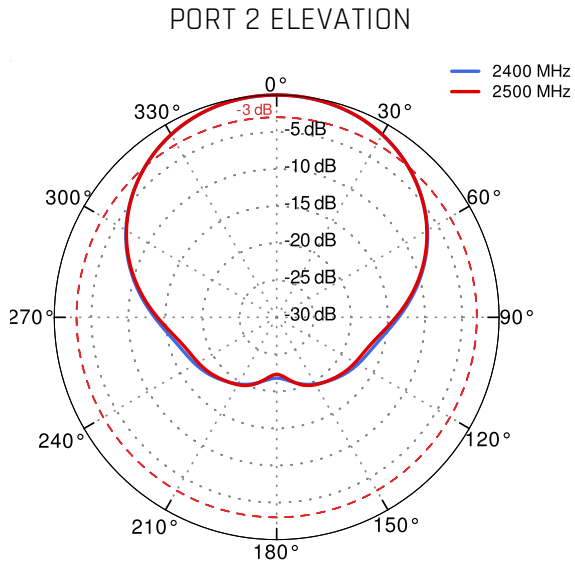
## 2.4GHz to 2.5GHz



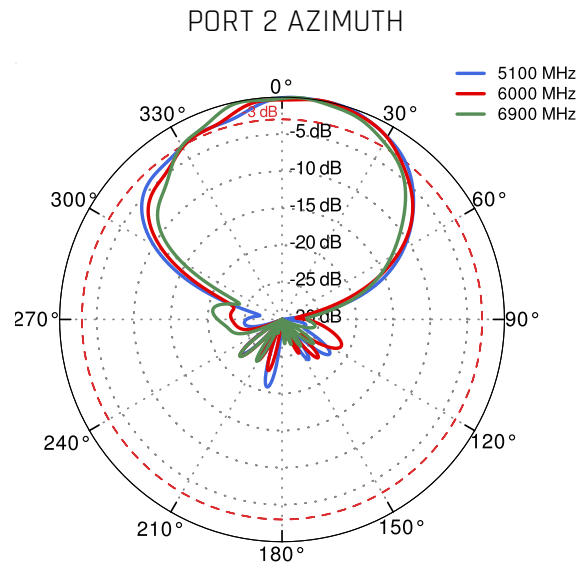
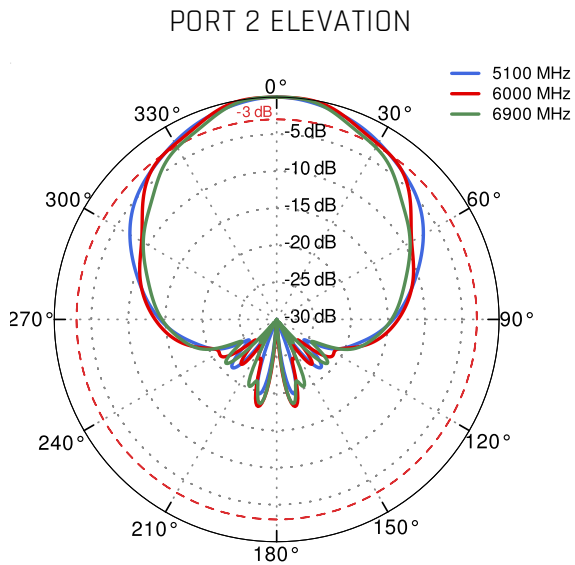
## 5GHz to 6GHz



2.4GHz to 2.5GHz



5GHz to 6GHz



## DIMENSIONS

