

# QuSector 7V-120-2 Nf Wi-Fi 6E

**QuSector 7V-120-2 offers a 120 degrees, 7dBi signal gain. It is a perfect indoor and outdoor device for industrial installations. Wi-Fi 6E support!**

QuSector 7V-120-2 is a concurrent triple band, Vertical polarity, MIMO 2x2 panel antenna. It operates at 2.4GHz, 5GHz and 7GHz simultaneously with 7dBi gain. It is a futureproof solution with Wi-Fi 6E 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 is characterized by a wide range of applications: from indoor through mobile devices to the outdoor (IP67) ones. Wide frequency range (2.4-2.5GHz & 5.0-7.125GHz) helps to find suitable frequency for the most effective operation.

The antenna comes with 2\*Nf connectors.



ANTENNA **PERFECTLY MATCHED** WITH  
THE ACCESS POINT



**ADJUSTABLE**, POLE MOUNTING  
SYSTEM



MADE IN **EUROPE**



## WI-FI ANTENNA SPECIFICATION

|                               |  |
|-------------------------------|--|
| FREQUENCY                     | 2.4 - 2.5 GHz<br>5.0 - 7.125 GHz               |
| GAIN                          | 2.4 - 2.5 GHz: 7 dBi<br>5.0 - 7.125 GHz: 7 dBi |
| VSWR                          | <1.80  |
| BREAMWIDTH                    | 120°/60°<br>120°/90°                           |
| POLARIZATION                  | Vertical                                       |
| IMPEDANCE                     | 50 $\Omega$                                    |
| SEPARATION BETWEEN CONNECTORS | >30dB  |
| FRONT-TO-BACK                 | 20dB   |
| 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                 |
| WEIGHT         | 0.3kg                      |
| MOUNTING PLACE | Mast                       |
| MAST DIAMETER  | 40-60 mm<br>1.57-2.36 inch |

## COMPATIBLE ROUTERS

VARIANT: S7V.120.2NF

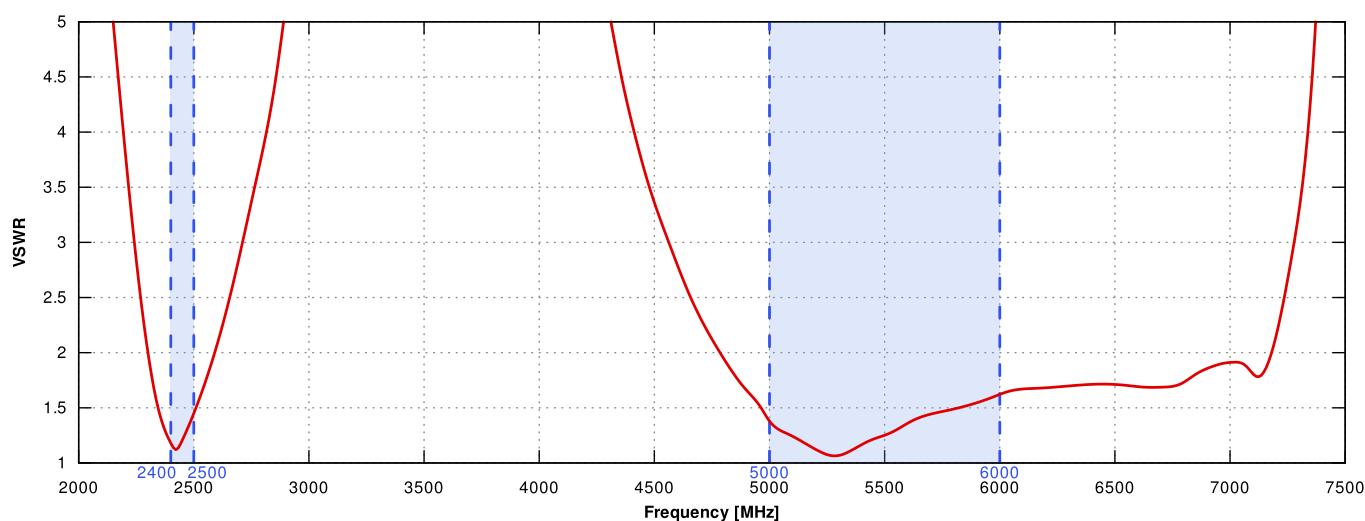
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|------------------|--|
| TELTONIKA        | RUT900, RUT901, RUT950, RUT951, RUT955, RUT956, RUTM10, RUTM11, RUTX10, RUTX11, RUTX12, RUTX50           |
| DIGI             | TX54 LTE-Advanced, TX64, WR44 RR   |
| ROBUSTEL         | EG5100, EG5120, EG5200, 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                              |
| ADVANTECH        | EKI-1361(-MB) EKI-1362, EKI-6233BN, EKI-6333AC-2GD   |
| 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  |
| FORTINET         | FAP-233G, FAP-U432F  |
| FOUR-FAITH       | 5G Industrial Router F-NR100, 5G SIM WiFi Router F-NR120, 5G Smart Light Pole Gateway F-G300, Edge Computing Gateway F-G100  |
| HUAWEI           | AP4051DN, AP4130DN, AP4151DN   |
| MERU             | AP1010E  |
| MIKROTIK         | L009UiGS-2HaxD-IN, L11UG-5HaxD, RB922  |
| MOXA             | AWK-1131A Series, AWK-1137C Series, AWK-1151C Series, AWK-3131A Series, AWK-3252A Series, AWK-4131A Series, AWK-4252A Series, TAP-213 Series   |
| PEPLINK          | 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 |
| PERLE            | IOLAN SCG W Secure Console Server, IOLAN SCG WM Secure Console Server, IOLAN SDG W Serial Device Servers   |
| PROROUTE         | H685 LTE 4G CAT6 Router, H685 WRT M2M 5G Router, H900 5G Router  |

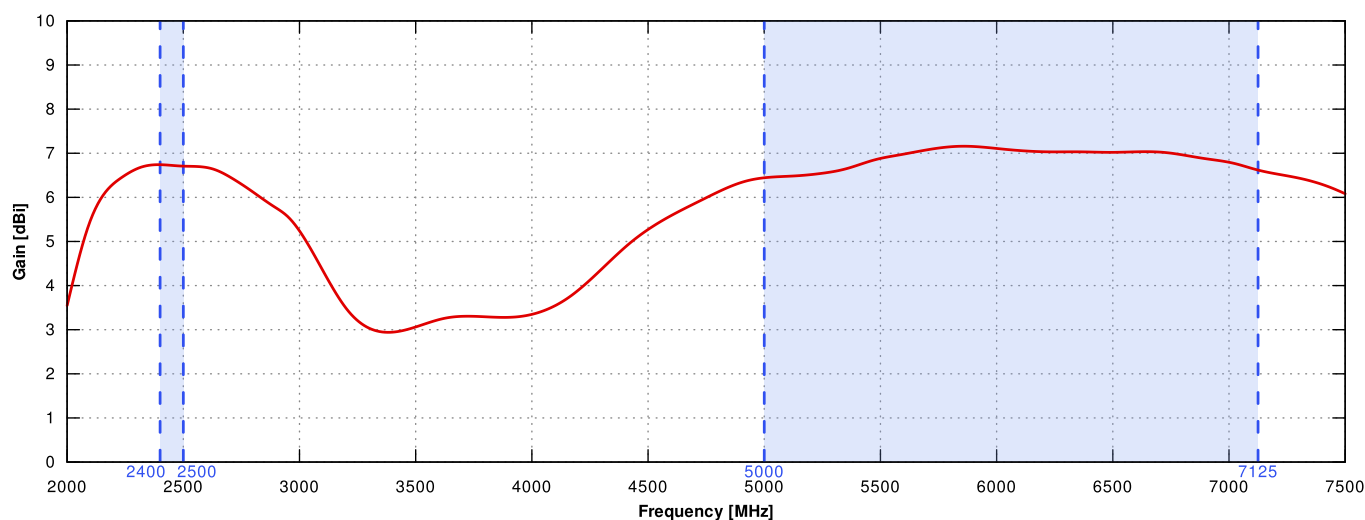
|                        |   |
|------------------------|---|
| <b>ROBUSTEL</b>        | EG5100, EG5120, EG5200, R1520 Global, R1520-4L (S), R1520-4L (V), R2010, R2011, R201x, R5020, R5020 Lite  |
| <b>RUCKUS</b>          | T350SE  |
| <b>SIEMENS</b>         | 6GK5763-1AL00-7DA0, 6GK5766-1GE00-7DB0, 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, RUTM10, RUTM11, RUTX10, RUTX11, RUTX12, RUTX50  |
| <b>WAVETEL</b>         | W240 4G/LTE, W2400 LTE , W3600 4G/LTE Dual WAN, W4600, W4600-NR 5G, W4600-S2, WNR320 5G, WNR340 5G, WNR5601 5G  |
| <b>WLINK</b>           | ER120, G200, G230, G510, G520, G530, G530, R220, R520   |
| <b>XIRRUS</b>          | XR-520H   |
| <b>ZYXEL</b>           | LTE3301-PLUS, NWA55AXE  |
| <b>OTHER</b>           | 2 * N-male, 2 * RPSMA, 2 * RPTNC  |

## PLOTS

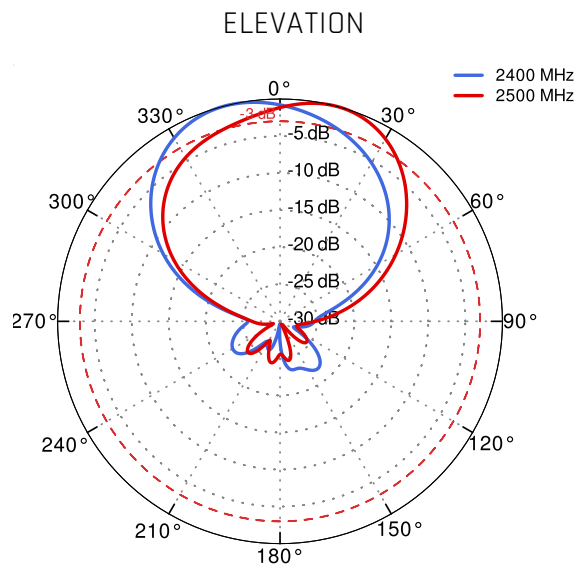
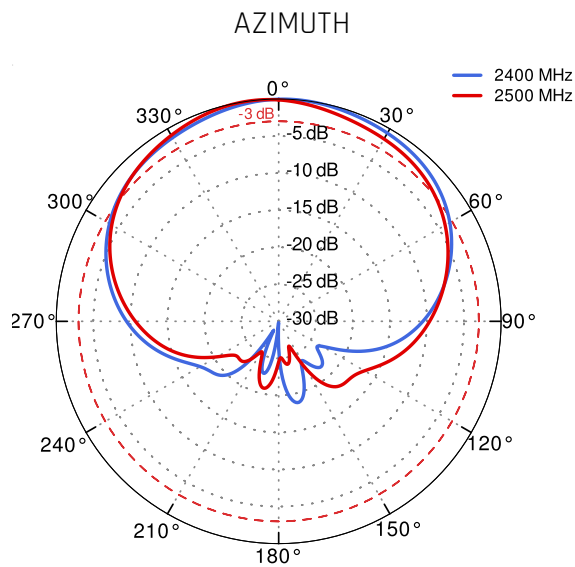
VSWR



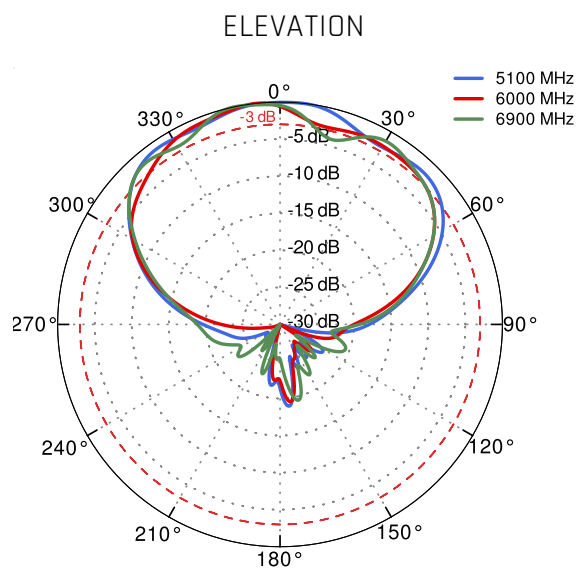
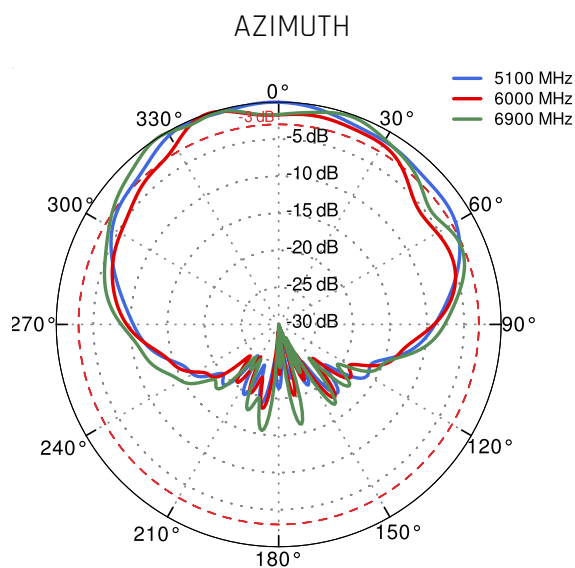
Gain



## From 2.4GHz to 2.5GHz



## From 5.1GHz to 6.9GHz



## DIMENSIONS

