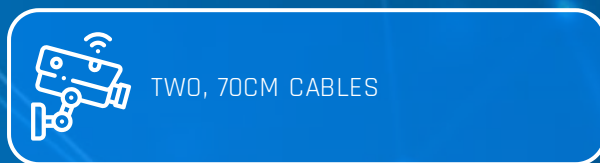
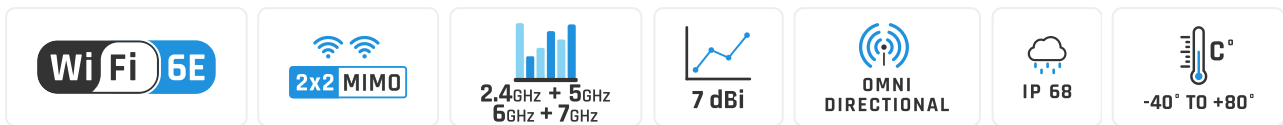


# QuOmni 7V-2 Wi-Fi 6E

QuOmni 7V-2 Wi-Fi 6E offers a 360 degrees, 6dBi (2.4GHz) & 7.5dBi (5GHz and 7GHz) gain signal. It is a perfect indoor and outdoor device for industrial installations.

QuOmni 7V-2 is a concurrent dual band, Vertical polarity, MIMO 2x2 omni antenna. It simultaneously operates at **2.4GHz** with 6dBi gain and **5GHz+7GHz** with 7.5dBi gain. It is a futureproof solution with **Wi-Fi 6E** and **Wi-Fi 7** support. This antenna is predicted to be installed as the hotspot in parks, stadiums, warehouses, production halls, malls, lecture halls or another public places. Its aesthetic design is acceptable in most of the visible places. Wide frequency range (2.4-2.5GHz & 5.0-7.2GHz) helps to find suitable frequency for the most effective operation. The antenna comes in three versions: with 2\*70cm (28inch) cables terminated with Nm, RPSMA, RPTNC connectors.



## WI-FI SPECIFICATION

|                        |   |
|------------------------|---|
| <b>FREQUENCY</b>       | 2.4 - 2.5 GHz<br>5.0 - 7.2 GHz                        |
| <b>GAIN</b>            | 2.4 - 2.5 GHz: 6dBi<br>5 GHz: 7.5dBi<br>7 GHz: 7.5dBi |
| <b>VSWR</b>            | < 1.50, max < 2.00                                    |
| <b>BEAMWIDTH</b>       | 360°/25°  |
| <b>POLARIZATION</b>    | Vertical  |
| <b>IMPEDANCE</b>       | 50 $\Omega$   |
| <b>MAX INPUT POWER</b> | 50W   |
| <b>DC GROUND</b>       | Yes   |

## MECHANICAL SPECIFICATION

|                              |   |
|------------------------------|---|
| <b>MATERIAL</b>              | ABS   |
| <b>CONNECTOR</b>             | 2xRPSMA/2xRPTNC/2xNm                        |
| <b>OUTER DIMENSIONS</b>      | 160 x 160 x 240 mm<br>6.3 x 6.3 x 9.45 inch |
| <b>WEIGHT</b>                | 1.5 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>         | 0.4kg                      |
| <b>MOUNTING PLACE</b> | Wall or mast               |
| <b>MAST DIAMETER</b>  | 25-66 mm<br>0.98-2.60 inch |

## COMPATIBLE ROUTERS

VARIANT: 07V.2RS

|                  |   |
|------------------|---|
| <b>TELTONIKA</b> | RUT900, RUT901, RUT950, RUT951, RUT951 PoE+, RUT955, RUT956, RUT976, RUT981, RUT986, RUTM10, RUTM11, RUTM16, RUTM30, RUTM31, RUTM51, RUTM52, RUTM54, RUTM55, RUTM56, RUTX10, RUTX11, RUTX12, RUTX50 |
| <b>ROBUSTEL</b>  | EG5100, EG5120, R1520 Global, R1520-4L (S), R1520-4L (V), R2010, R2011, R201x, R2120, R5020, R5020 Lite   |
| <b>ACKSYS</b>    | AirBox LTE, AirBox/10, AirLink, AirWan, AirXroad, AirXroad/4P   |
| <b>ADVANTECH</b> | EKI-1361(-MB) EKI-1362, EKI-6233BN, EKI-6333AC-2GD  |
| <b>ANYBUS</b>    | Wireless Router WLAN  |
| <b>ARUBA</b>     | AP-204, AP-504, IAP-204, RAP-108  |
| <b>D-LINK</b>    | DAP-1665, DAP-2020, DAP-2310, DAP-2360, DIS-2650AP, DWL-8720AP, N300 4G   |
| <b>DIGI</b>      | IX25, TX54 LTE-Advanced   |
| <b>ENGENIUS</b>  | ENS500EXT   |

|                                  |   |
|----------------------------------|---|
| <b>ERICSSON (CRADLEPOINT)</b>    | IBR600C, IBR900, R1900, R920, R980, S700  |
| <b>EXTREME NETWORKS</b>          | AP 7522, AP 7522E, AP122X, AP305CX  |
| <b>FORTINET</b>                  | FAP-233G, FAP-U432F   |
| <b>HUAWEI</b>                    | AP4051DN, AP4130DN, AP4151DN  |
| <b>INHAND</b>                    | IR315   |
| <b>MERU</b>                      | AP1010E   |
| <b>MIKROTIK</b>                  | L009UiGS-2HaxD-IN, RB922  |
| <b>MOXA</b>                      | AWK-1131A Series, AWK-1137C Series, AWK-1151C Series, AWK-3131A Series, AWK-3252A Series  |
| <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, IRG5520, IRG5521, IRG5541   |
| <b>ROBUSTEL</b>                  | EG5100, EG5120, R1520 Global, R1520-4L (S), R1520-4L (V), R2010, R2011, R201x, R2120, R5020, R5020 Lite   |
| <b>SEMTECH (SIERRA WIRELESS)</b> | AirLink RV55, AirLink RX55, AirLink XR60  |
| <b>TELTONIKA</b>                 | RUT900, RUT901, RUT950, RUT951, RUT951 PoE+, RUT955, RUT956, RUT976, RUT981, RUT986, RUTM10, RUTM11, RUTM16, RUTM30, RUTM31, RUTM51, RUTM52, RUTM54, RUTM55, RUTM56, RUTX10, RUTX11, RUTX12, RUTX50 |
| <b>WAVETEL</b>                   | W240 4G/LTE, W2400 LTE , W3600 4G/LTE Dual WAN, WNR320 5G, WNR340 5G, WNR5601 5G  |
| <b>WLINK</b>                     | ER120, G200, G230, G530, G530   |

**ZYXEL**

NWA55AXE

**OTHER**

2 \* RPSMA

VARIANT: 07V.2RT

**DIGI**

WR44 RR

**XIRRUS**

XR-520H

**OTHER**

2 \* RPTNC

VARIANT: 07V.2NM

**RAJANT**

BreadCrumb ES1-2450IS, BreadCrumb ES1-2450CS, BreadCrumb LX5-2255A, BreadCrumb LX5-2255B, BreadCrumb LX5-2255C, BreadCrumb LX5-2295C, BreadCrumb LX5-2455D, BreadCrumb LX5-2955C, Hawk BreadCrumb FE1-2450 / FE1-2450A, Peregrine LTE BreadCrumb FE1-2455LS, Peregrine LTE BreadCrumb FE1-2455LW, Sparrow BreadCrumb ME5-2450CS

**ACKSYS**

RuggedAir100

**ANYBUS**

WLAN Access Point IP67

**CISCO**

Catalyst IW9165D

**D-LINK**

DBA-3621P

**EXTREME NETWORKS**

AP 3917

**MIKROTIK**

L11UG-5HaxD

**RAJANT**

BreadCrumb ES1-2450IS, BreadCrumb ES1-2450CS, BreadCrumb LX5-2255A, BreadCrumb LX5-2255B, BreadCrumb LX5-2255C, BreadCrumb LX5-2295C, BreadCrumb LX5-2455D, BreadCrumb LX5-2955C, Hawk BreadCrumb FE1-2450 / FE1-2450A, Peregrine LTE BreadCrumb FE1-2455LS, Peregrine LTE BreadCrumb FE1-2455LW, Sparrow BreadCrumb ME5-2450CS

**RUCKUS**

T350SE

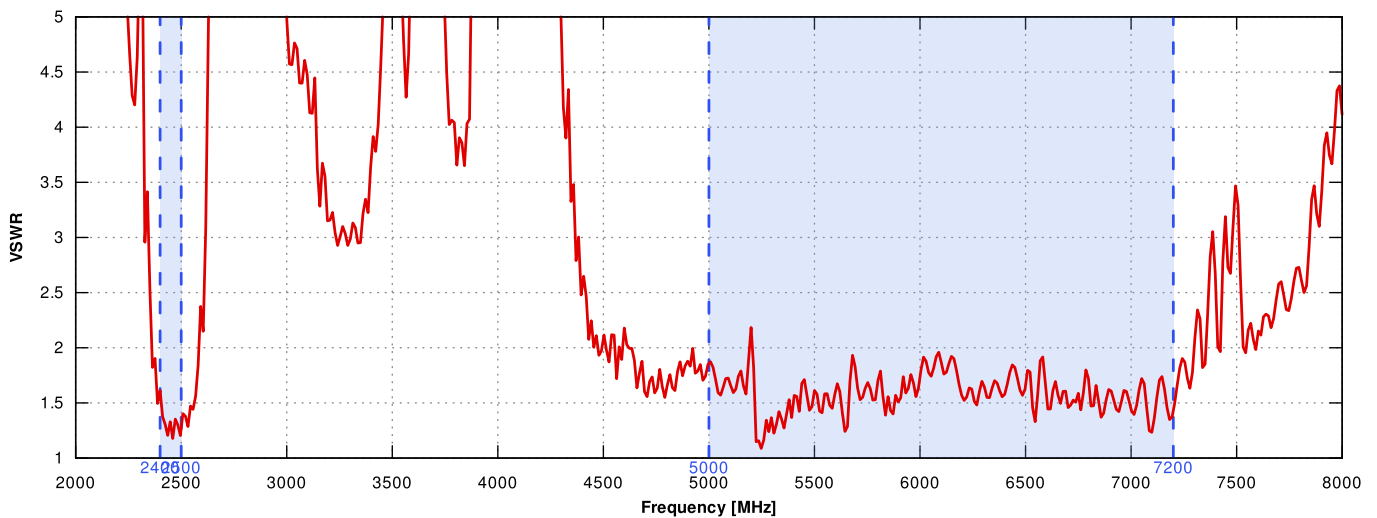
**SIEMENS**

6GK5766-1GE00-7DB0, 6GK5766-1GE00-3DA0, 6GK5766-1GE00-3DB0, 6GK5766-1GE00-7DA0, 6GK5766-1GE00-7TA0, 6GK5766-1GE00-7TB0, Scalance W738 M12, Scalance W778-1 M12, Scalance W778-1 M12 EEC

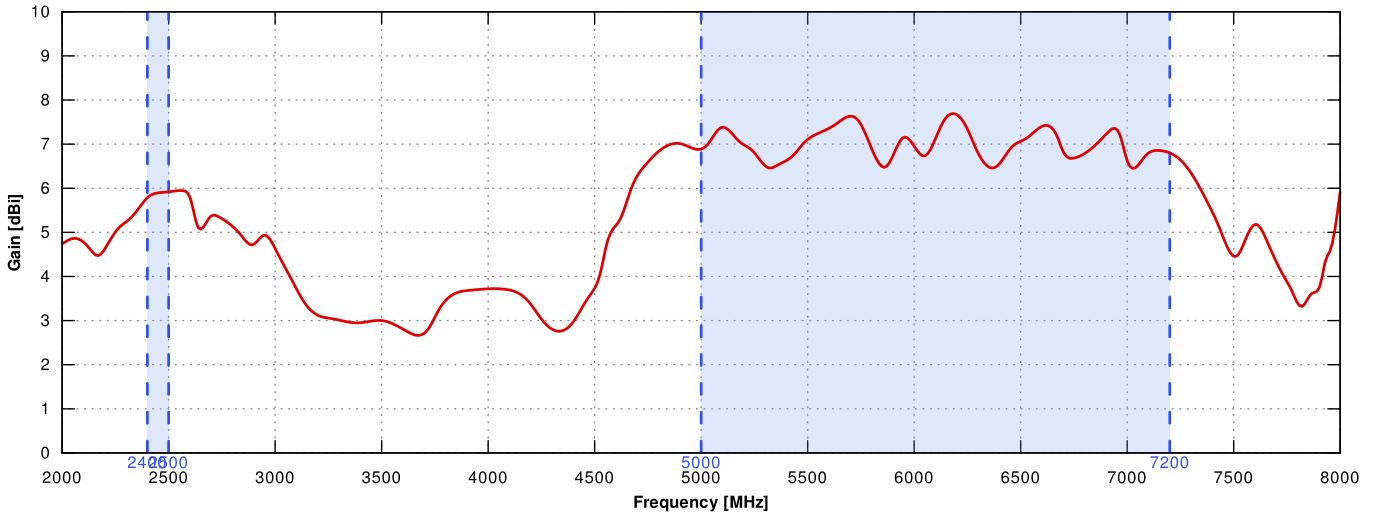
**OTHER**

2 \* N-male

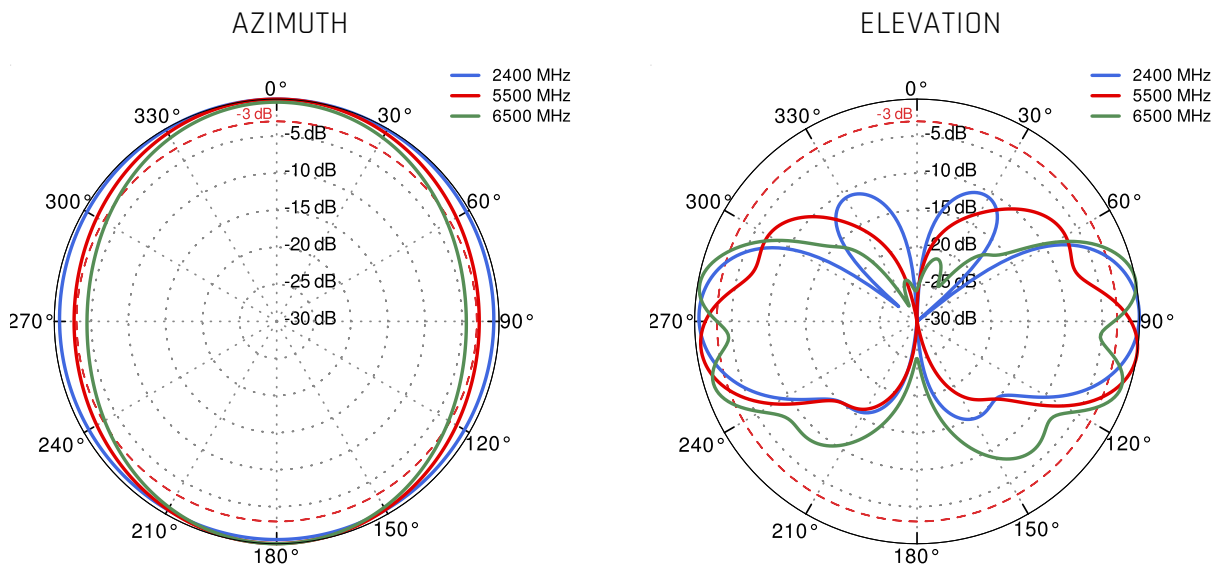
## PLOTS

**VSWR**


**GAIN**



**2.4GHz and 6.5GHz**



## **DIMENSIONS**

