

# 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 6E****2x2 MIMO****2.4GHz + 5GHz  
6GHz + 7GHz****7 dBi****OMNI  
DIRECTIONAL****IP 68****-40° TO +80°****TWO, 70CM CABLES****OUTDOOR ANTENNA WORKS IN ANY  
WEATHER CONDITIONS, IP68****ANTENNA PERFECTLY MATCHED WITH  
THE ROUTER****MADE IN EUROPE**

## WI-FI SPECIFICATION

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

## MECHANICAL SPECIFICATION

MATERIAL	ABS
CONNECTOR	2xRPSMA/2xRPTNC/2xNm
OUTER DIMENSIONS	160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch
WEIGHT	1.5 kg
OPERATING TEMPERATURE	-40°C to 80°C -40°F to 176°F

## MOUNTING KIT

MATERIAL	Galvanized steel
WEIGHT	0.4kg
MOUNTING PLACE	Wall or ceiling or mast
MAST DIAMETER	40-60 mm 1.57-2.36 inch

## COMPATIBLE ROUTERS

VARIANT: 07V.2RS

TELTONIKA	RUT900, RUT901, RUT950, RUT951, RUT955, RUT956, RUTM10, RUTM11, RUTM51, RUTM54, RUTX10, RUTX11, RUTX12, RUTX50
ROBUSTEL	EG5100, EG5120, R1520 Global, R1520-4L (S), R1520-4L (V), R2010, R2011, R201x, R5020, R5020 Lite
ACKSYS	AirBox LTE, AirBox/10, AirLink, AirWan, AirXroad, AirXroad/4P
ADVANTECH	EKI-1361(-MB) EKI-1362, EKI-6233BN, EKI-6333AC-2GD
ANYBUS	Wireless Router WLAN
ARUBA	AP-204, AP-504, IAP-204, RAP-108
CRADLEPOINT	IBR600C, IBR900, R1900, R920, S700
D-LINK	DAP-1665, DAP-2020, DAP-2310, DAP-2360, DIS-2650AP, DWL-8720AP, N300 4G
DIGI	TX54 LTE-Advanced
ENGENIUS	ENS500EXT

<b>EXTREME NETWORKS</b>	AP 7522, AP 7522E, AP122X, AP305CX
<b>FORTINET</b>	FAP-233G, FAP-U432F
<b>HUAWEI</b>	AP4051DN, AP4130DN, AP4151DN
<b>MERU</b>	AP1010E
<b>MIKROTIK</b>	LO09UiGS-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
<b>ROBUSTEL</b>	EG5100, EG5120, R1520 Global, R1520-4L (S), R1520-4L (V), R2010, R2011, R201x, R5020, R5020 Lite
<b>SEMTECH (SIERRA WIRELESS)</b>	AirLink RV55, AirLink RX55, RV55, XR60
<b>TELTONIKA</b>	RUT900, RUT901, RUT950, RUT951, RUT955, RUT956, RUTM10, RUTM11, RUTM51, RUTM54, 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
<b>ZYXEL</b>	NWA55AXE
<b>OTHER</b>	2 * RPSMA

## VARIANT: 07V.2RT

<b>DIGI</b>	WR44 RR
<b>XIRRUS</b>	XR-520H
<b>OTHER</b>	2 * RPTNC

## VARIANT: 07V.2NM

<b>RAJANT</b>	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
<b>ACKSYS</b>	RuggedAir100
<b>ANYBUS</b>	WLAN Access Point IP67
<b>CISCO</b>	Catalyst IW9165D
<b>D-LINK</b>	DBA-3621P
<b>EXTREME NETWORKS</b>	AP 3917
<b>MIKROTIK</b>	L11UG-5HaxD
<b>RAJANT</b>	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
<b>RUCKUS</b>	T350SE

**SIEMENS**

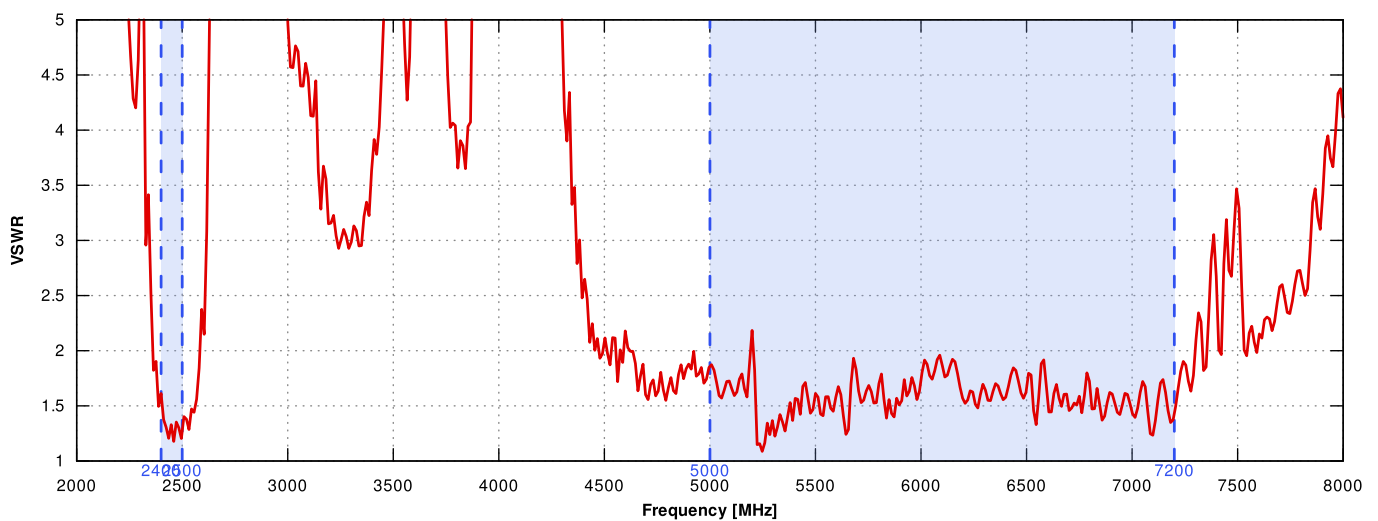
6GK5766-1GE00-7DB0, 6GK5766-1GE00-3DA0, 6GK5766-1GE00-3DB0,  
6GK5766-1GE00-7DA0, 6GK5766-1GE00-7TA0, 6GK5766-1GE00-7TB0,  
Scalance W738 M12, Scalance W778-1 M12, Scalance W778-1 M12 EEC

**OTHER**

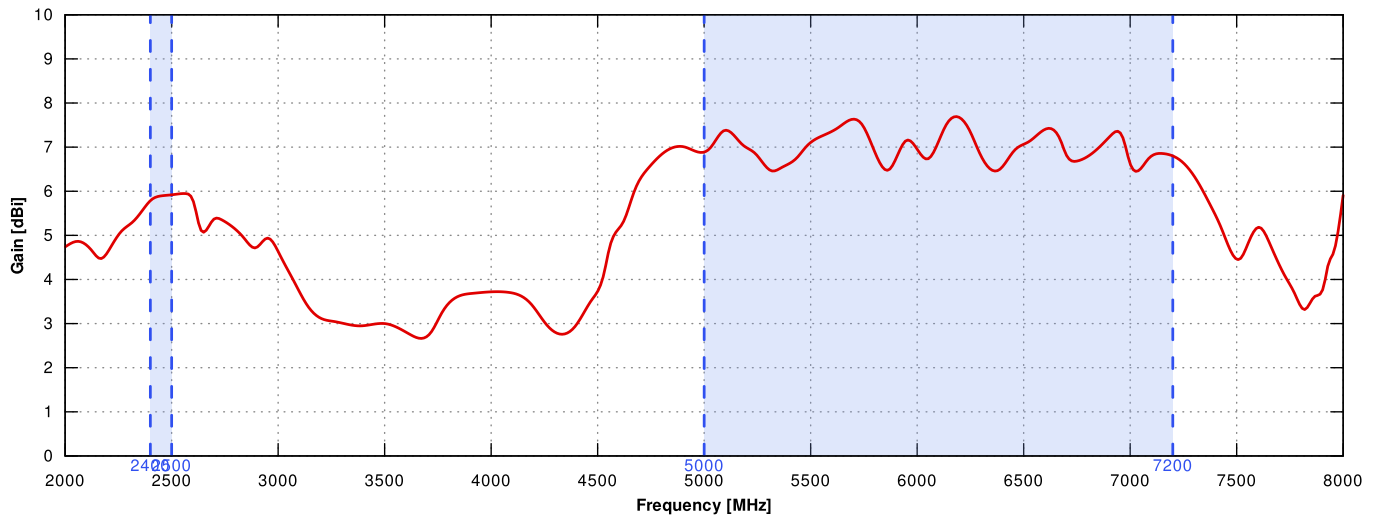
2 \* N-male

## PLOTS

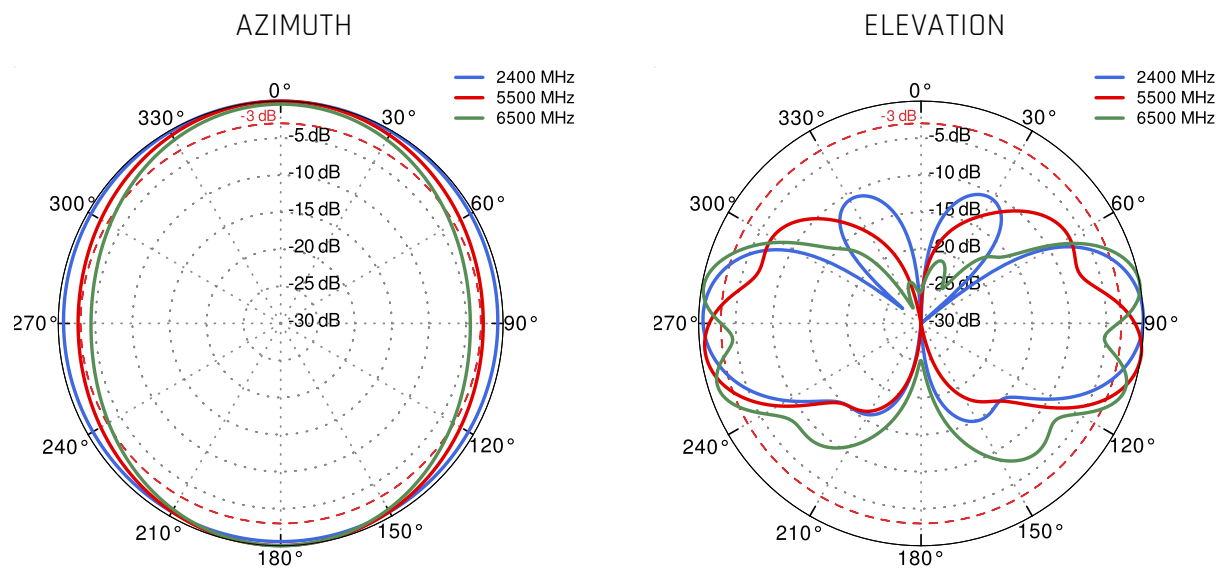
VSWR



## GAIN



## 2.4GHz and 6.5GHz



## DIMENSIONS

