

# QuSector 7V-120-2 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\*70cm (28inch) cables terminated with Nm, RPSMA or RPTNC connectors.



ANTENNA **PERFECTLY MATCHED** WITH THE ACCESS POINT



**ADJUSTABLE**, POLE MOUNTING SYSTEM



MADE IN **EUROPE**



## **WI-FI ANTENNA SPECIFICATION**

<b>FREQUENCY</b>	2.4 - 2.5 GHz 5.0 - 7.125 GHz
<b>GAIN</b>	2.4 - 2.5 GHz: 7 dBi 5.0 - 7.125 GHz: 7 dBi
<b>VSWR</b>	<1,80
<b>BEAMWIDTH</b>	120°/60° 120°/90°
<b>POLARIZATION</b>	Vertical
<b>IMPEDANCE</b>	50 Ω
<b>SEPARATION BETWEEN CONNECTORS</b>	>30dB
<b>FRONT-TO-BACK</b>	20dB
<b>MAX INPUT POWER</b>	50W
<b>DC GROUND</b>	Yes

## **MOUNTING KIT**

<b>MATERIAL</b>	Galvanized
<b>WEIGHT</b>	0,3kg
<b>MOUNTING PLACE</b>	Mast
<b>MAST DIAMETER</b>	40-66 mm 1,57-2,60 inch

## MECHANICAL SPECIFICATION

<b>MATERIAL</b>	ABS
<b>CONNECTOR</b>	2xRPSMA/2xNM/2xRPTNC
<b>OUTER DIMENSIONS</b>	16.5 x 16.5 x 4.5 cm 6.5 x 6.5 x 1.77 inch
<b>WEIGHT</b>	0.9 kg
<b>OPERATING TEMPERATURE</b>	-40°C to +80°C -40°F to 176°F

## COMPATIBLE ROUTERS

VARIANT: S7V.120.2RS

<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
<b>ZYXEL</b>	NWA55AXE
<b>OTHER</b>	2 * RPSMA

**VARIANT: S7V.120.2NM**

<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
<b>SIEMENS</b>	6GK5766-1GE00-7DB0, 6GK5766-1GE00-3DA0, 6GK5766-1GE00-3DB0, 6GK5766-1GE00-7DA0, 6GK5766-1GE00-7TA0, 6GK5766-1GE00-7TBO, Scalance W738 M12, Scalance W778-1 M12, Scalance W778-1 M12 EEC

**OTHER**

2 \* N-male

VARIANT: S7V.120.2RT

**DIGI**

WR44 RR

**XIRRUS**

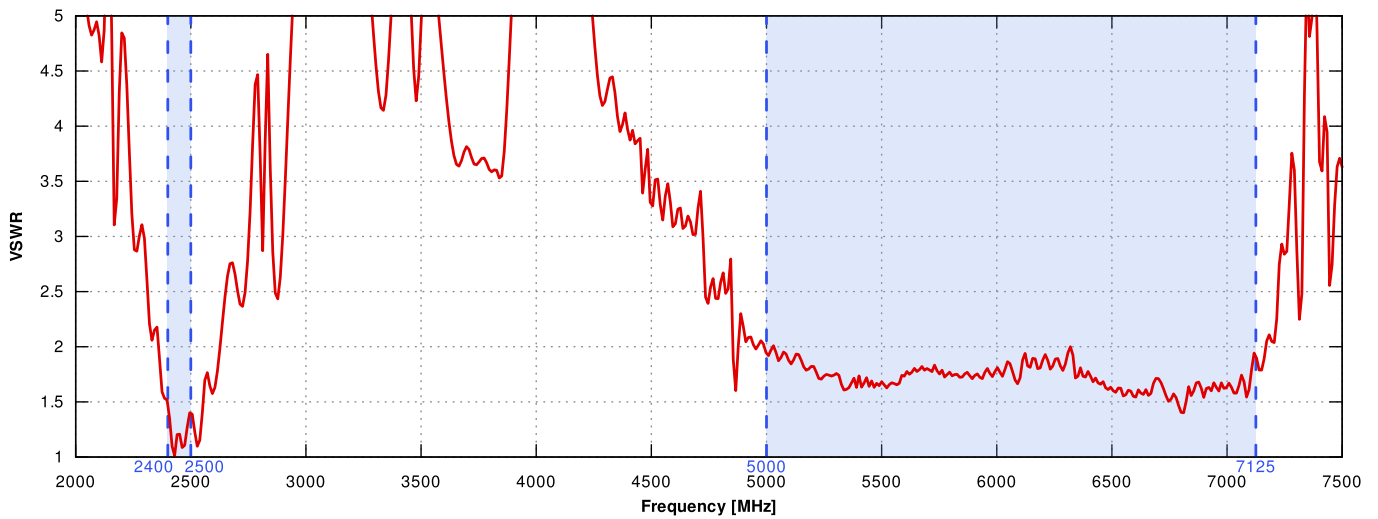
XR-520H

**OTHER**

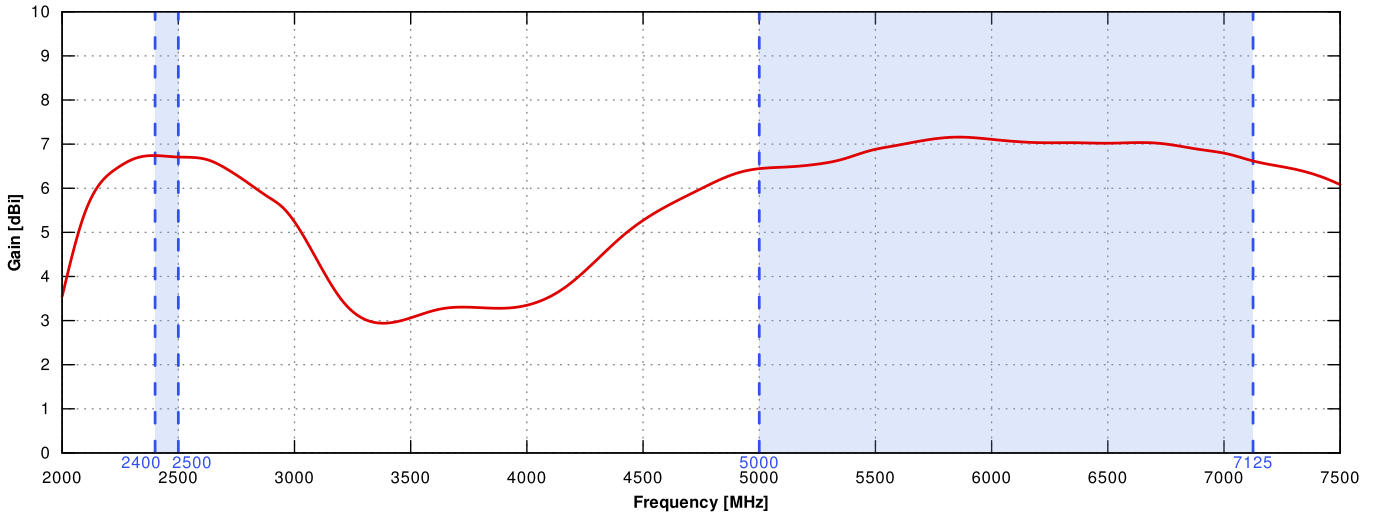
2 \* RPTNC

## **PLOTS**

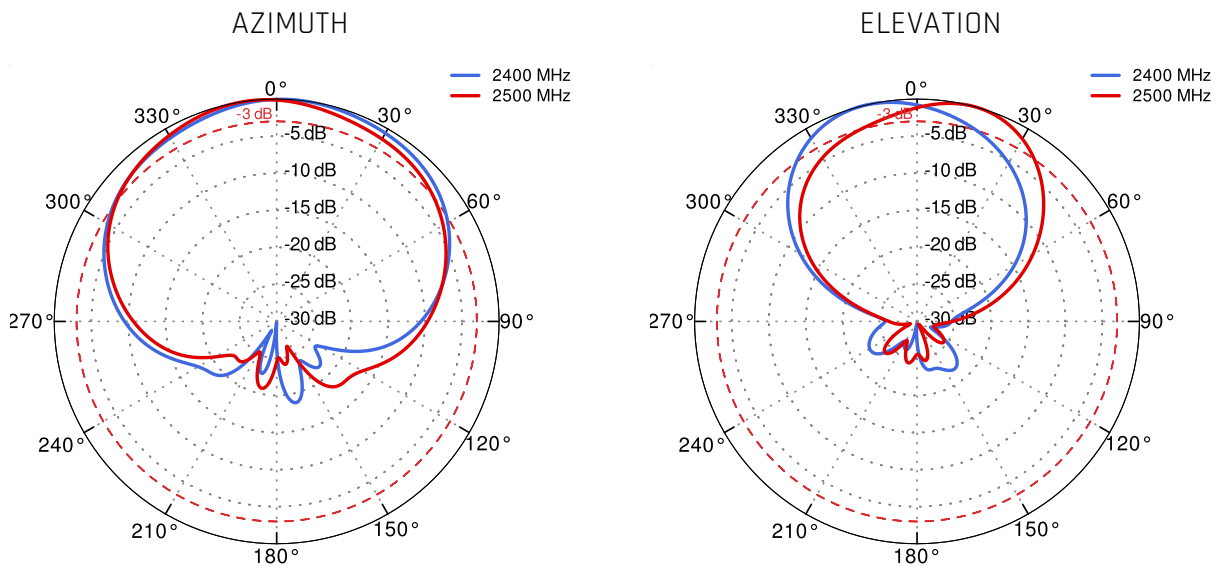
VSWR



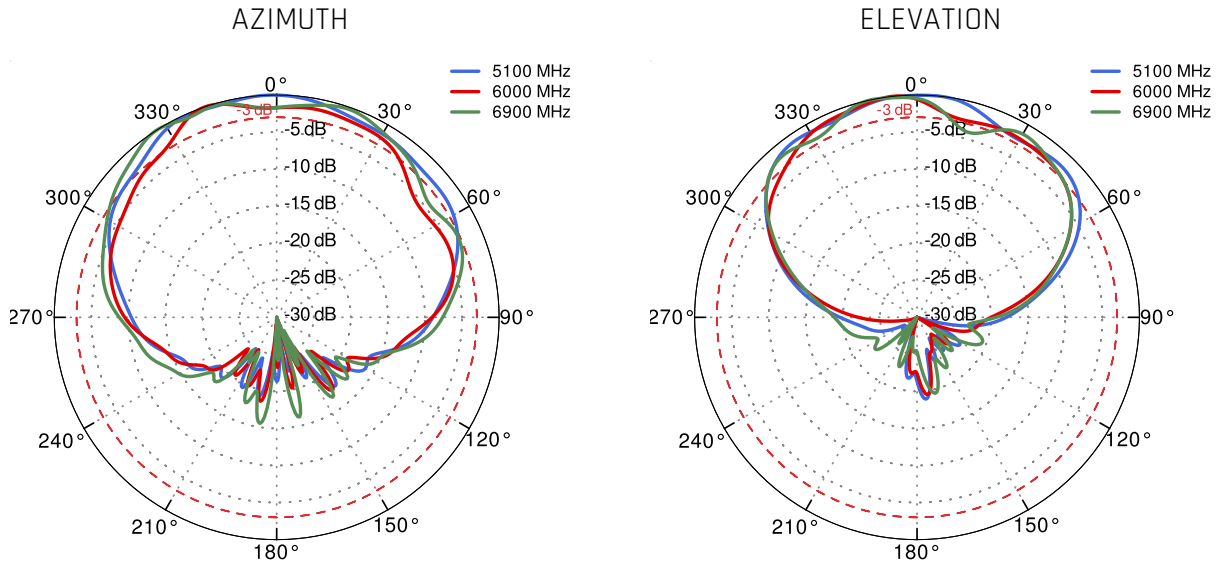
Gain



From 2.4GHz to 2.5GHz



From 5.1GHz to 6.9GHz



## DIMENSIONS

