

# 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>BREAMWIDTH</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

## 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, RUT955, RUT956, RUTX10, RUTX11, RUTX12, RUTX50
<b>DIGI</b>	TX54 LTE-Advanced
<b>ROBUSTEL</b>	EG5100, EG5120, R1520 Global, R2010, R2011, R201x, R5020, R5020 Lite
<b>ACKSYS</b>	AirBox/10, AirLink, AirXroad, AirXroad/4P
<b>ANYBUS</b>	Wireless Router WLAN
<b>ARUBA</b>	AP-204, IAP-204, RAP-108
<b>CRADLEPOINT</b>	IBR600C, IBR900
<b>D-LINK</b>	DAP-1665, DAP-2310, DAP-2360, N300 4G
<b>DIGI</b>	TX54 LTE-Advanced

<b>ENGENIUS</b>	ENS500EXT
<b>EXTREME NETWORKS</b>	AP 7522, AP 7522E, AP122X, AP305CX
<b>FORTINET</b>	FAP-233G
<b>HUAWEI</b>	AP4051DN, AP4130DN, AP4151DN
<b>MERU</b>	AP1010E
<b>MIKROTIK</b>	RB922
<b>PEPLINK</b>	BR1 Pro (CAT-20), MAX BR1 MK2, MAX BR1 Pro, MAX Transit, UBR Plus
<b>ROBUSTEL</b>	EG5100, EG5120, R1520 Global, R2010, R2011, R201x, R5020, R5020 Lite
<b>SIERRA WIRELESS</b>	AirLink RV55, AirLink RX55
<b>TELTONIKA</b>	RUT900, RUT901, RUT950, RUT951, RUT955, RUT956, RUTX10, RUTX11, RUTX12, RUTX50
<b>WAVETEL</b>	W240 4G/LTE, W2400 LTE , W3600 4G/LTE Dual WAN
<b>WLINK</b>	G200
<b>OTHER</b>	2 * RPSMA

## VARIANT: S7V.120.2NM

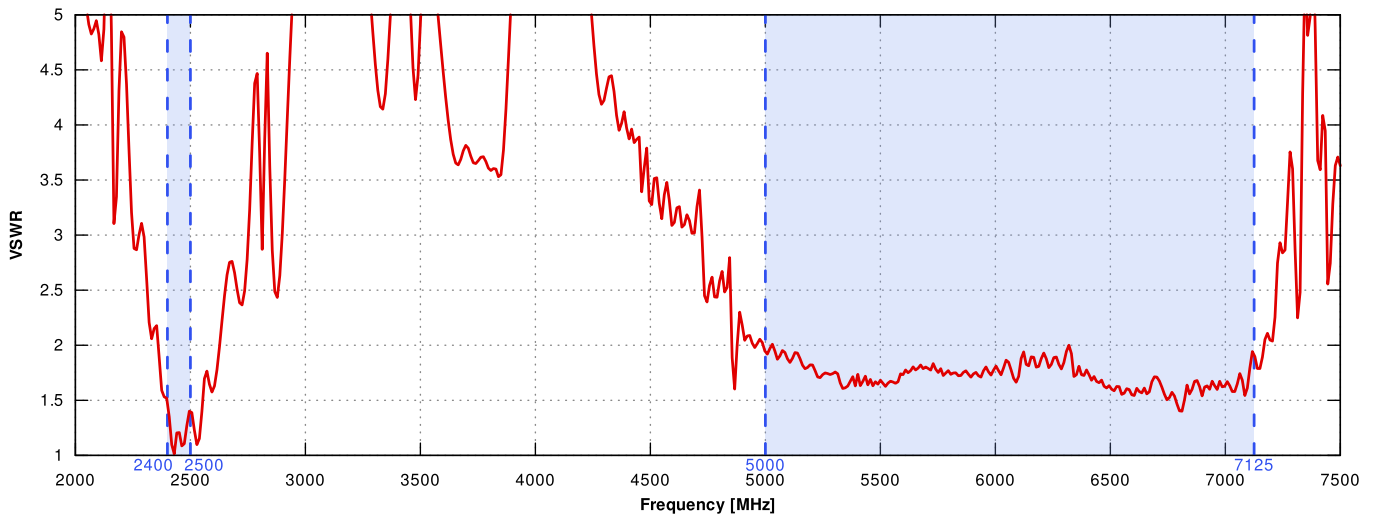
<b>ACKSYS</b>	RuggedAir100
<b>CISCO</b>	AIR-AP1562E
<b>EXTREME NETWORKS</b>	AP 3917
<b>SIEMENS</b>	6GK5766-1GE00-7DB0, 6GK5766-1GE00-3DA0, 6GK5766-1GE00-3DB0, 6GK5766-1GE00-7DA0, 6GK5766-1GE00-7TA0, 6GK5766-1GE00-7TBO, Scalance W738 M12, Scalance W778-1 M12, Scalance W778-1 M12 EEC
<b>OTHER</b>	2 * N-male

## VARIANT: S7V.120.2RT

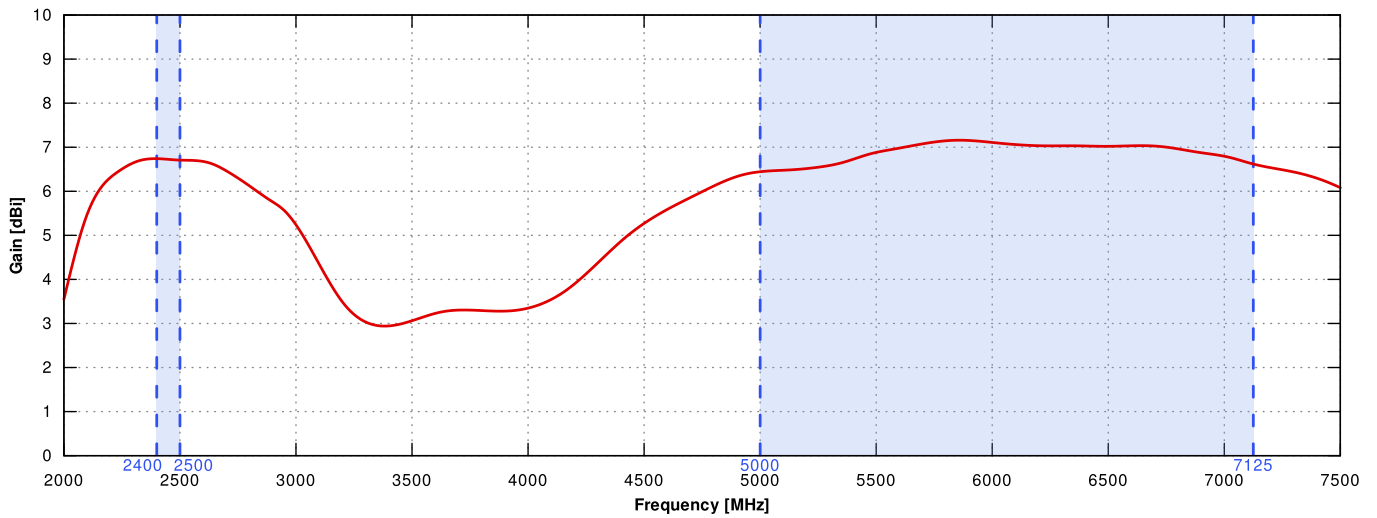
<b>DIGI</b>	WR44 RR
<b>DIGI</b>	WR44 RR
<b>XIRRUS</b>	XR-520H
<b>OTHER</b>	2 * RPTNC

# PLOTS

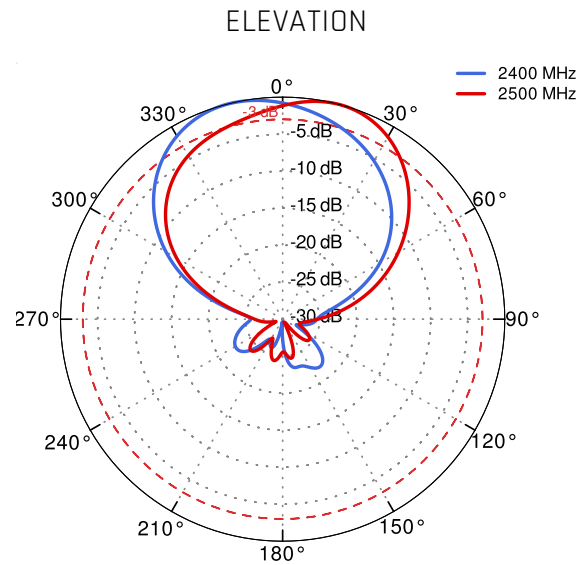
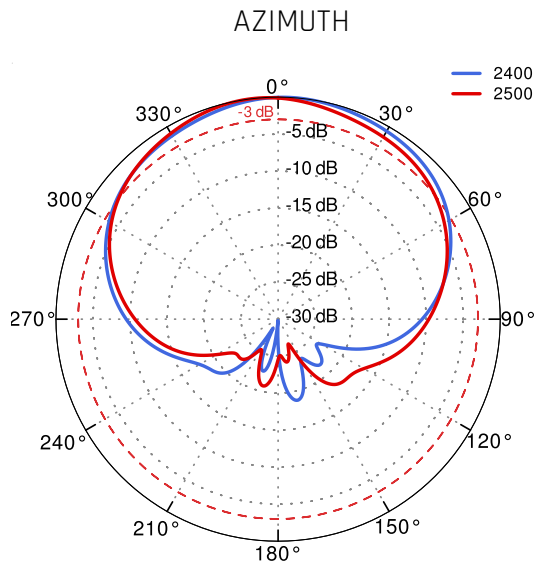
## VSWR



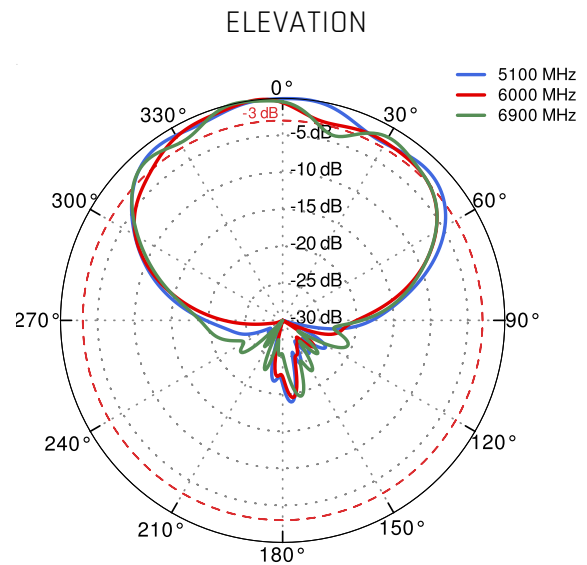
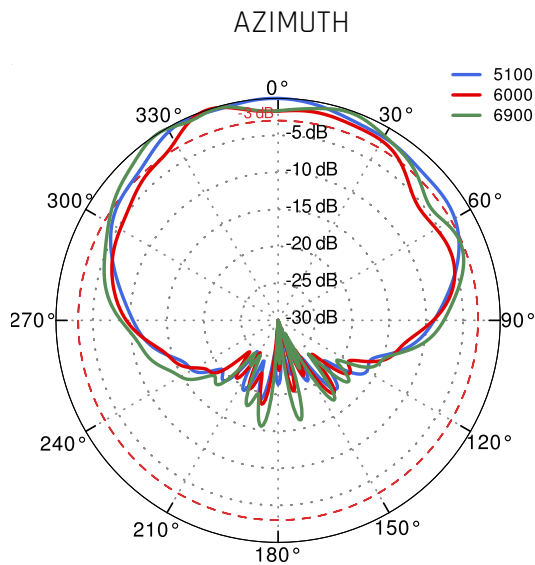
## Gain



### From 2.4GHz to 2.5GHz



### From 5.1GHz to 6.9GHz



## DIMENSIONS

