

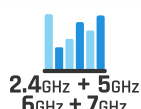
# QuSector 7V-120-7 Wi-Fi 6E

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

QuSector 7V-120-7 is a concurrent triple band, Vertical polarity, 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 in three versions: with 7\*70cm (28inch) cables terminated with Nm, RPSMA, RPTNC connectors.

 **Wi-Fi 6E**  
2.4GHz + 5GHz  
6GHz + 7GHz  
7 dBi  
DIRECTIONAL  
IP 67  
-40° TO +80°

ANTENNA **PERFECTLY MATCHED** WITH  
THE ACCESS POINT



**ADJUSTABLE**, POLE MOUNTING  
SYSTEM



MADE IN **EUROPE**



## WI-FI ANTENNA SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5.0 - 7.125 GHz
GAIN	2.4 - 2.5 GHz: 7 dBi 5.0 - 7.125 GHz: 7 dBi
VSWR	<1.80
BREAMWIDTH	120°/60° 120°/90°
POLARIZATION	Vertical
IMPEDANCE	50 $\Omega$
SEPARATION BETWEEN CONNECTORS	>30dB
FRONT-TO-BACK	20dB
MAX INPUT POWER	50W
DC GROUND	Yes

## MOUNTING KIT

MATERIAL	Galvanized
WEIGHT	0.87 kg
MOUNTING PLACE	Mast
MAST DIAMETER	25-60mm 0.98-2.36 inch

## MECHANICAL SPECIFICATION

MATERIAL	ABS
CONNECTOR	6xRPSMA/6xNM/6xRPTNC
OUTER DIMENSIONS	272 x 276 x 96 mm 10.71 x 10.87 x 3.78 inch
WEIGHT	1.8 kg
OPERATING TEMPERATURE	-40°C to +80°C -40°F to 176°F

## COMPATIBLE ROUTERS

VARIANT: S7V.120.7RS

ACKSYS	AirBox/12
XIRRUS	XA4-240

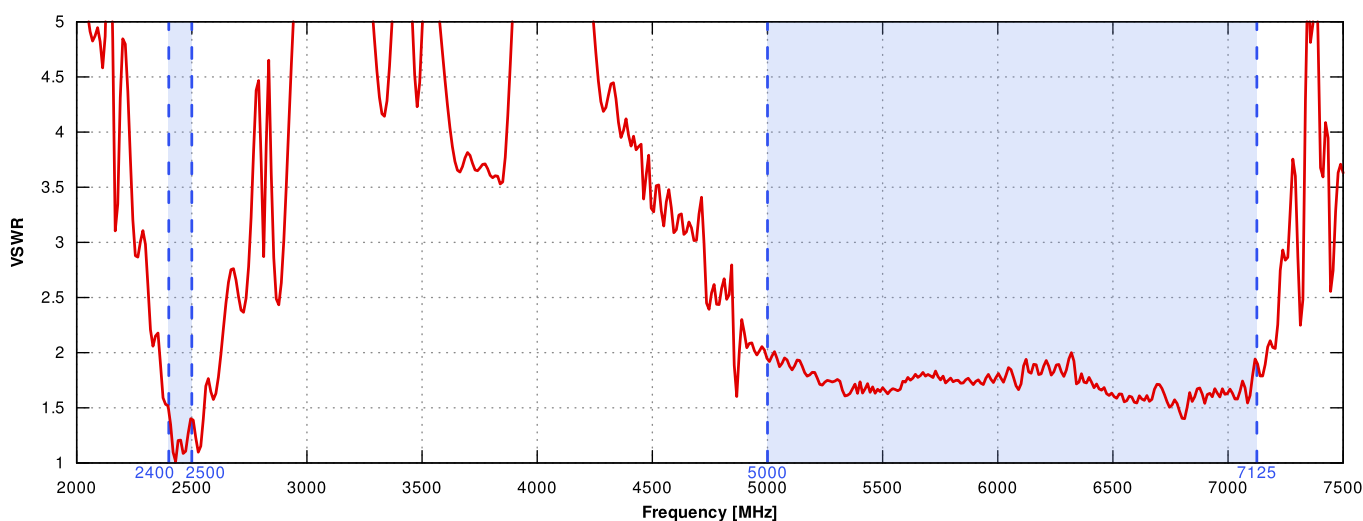
VARIANT: S7V.120.7NM

ACKSYS	RailTrack
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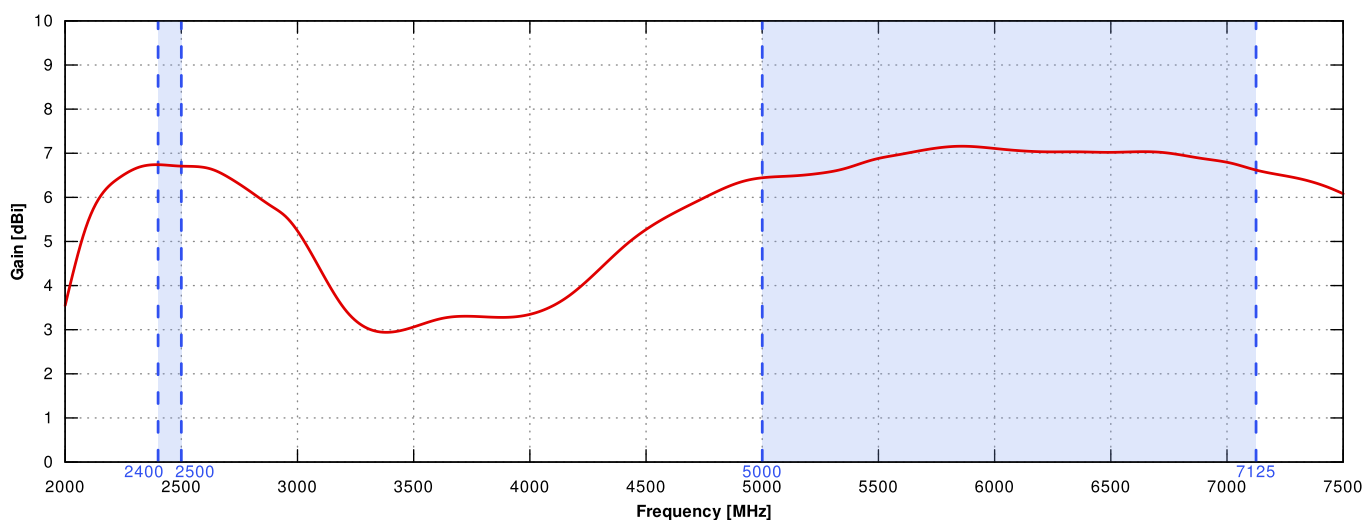
VARIANT: S7V.120.7RT

## PLOTS

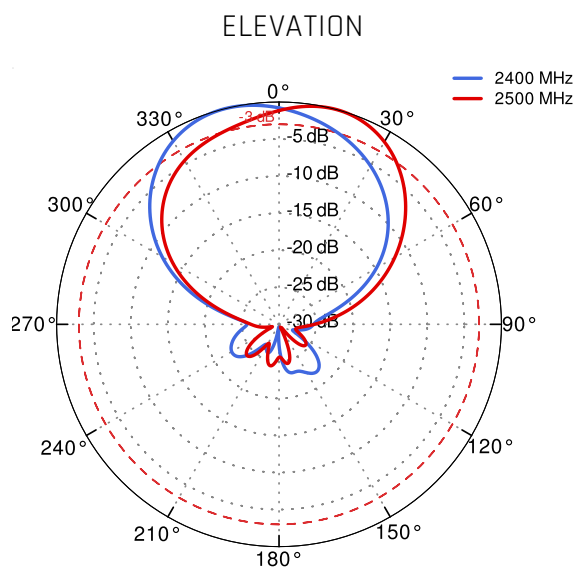
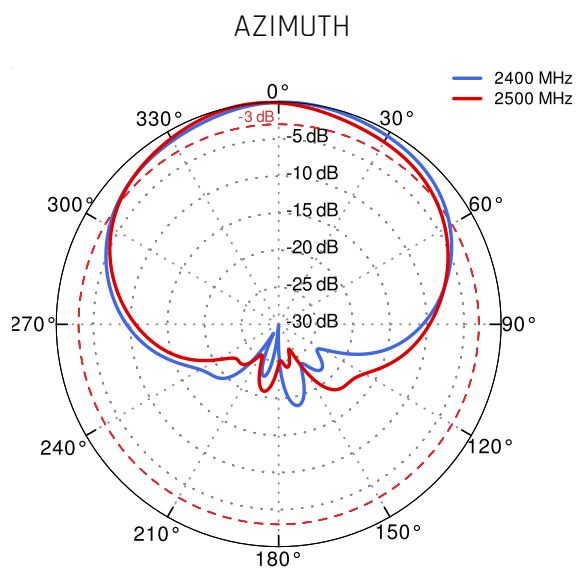
VSWR



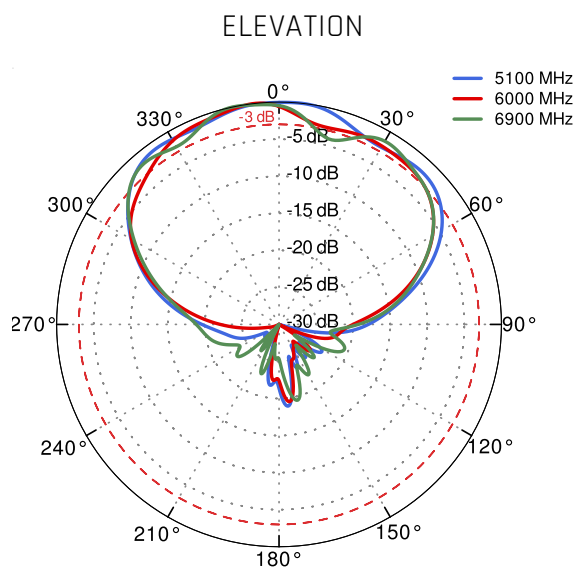
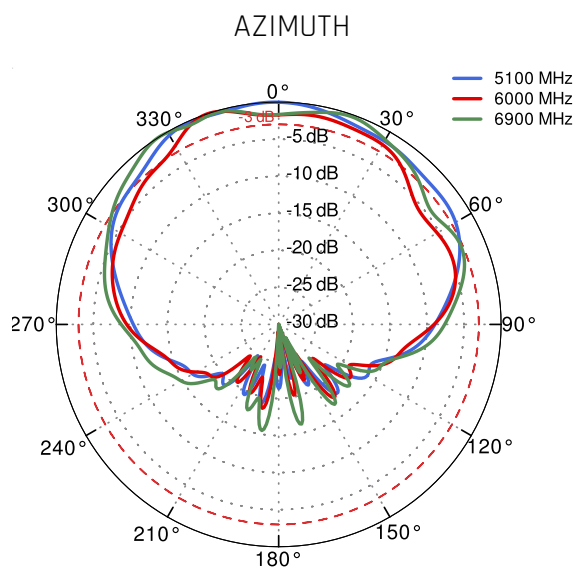
Gain



From 2.4GHz to 2.5GHz



From 5.1GHz to 6.9GHz



## DIMENSIONS

