


# 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<br>5.0 - 7.125 GHz               |
| GAIN                          | 2.4 - 2.5 GHz: 7 dBi<br>5.0 - 7.125 GHz: 7 dBi |
| VSWR                          | <1.80  |
| BEAMWIDTH                     | 120°/60°<br>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  | 25-66mm<br>0.98-2.60 inch |

## MECHANICAL SPECIFICATION

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

## COMPATIBLE ROUTERS

VARIANT: S7V.120.7RS

|        |           |
|--------|-----------|
| ACKSYS | AirBox/12 |
| XIRRUS | XA4-240   |

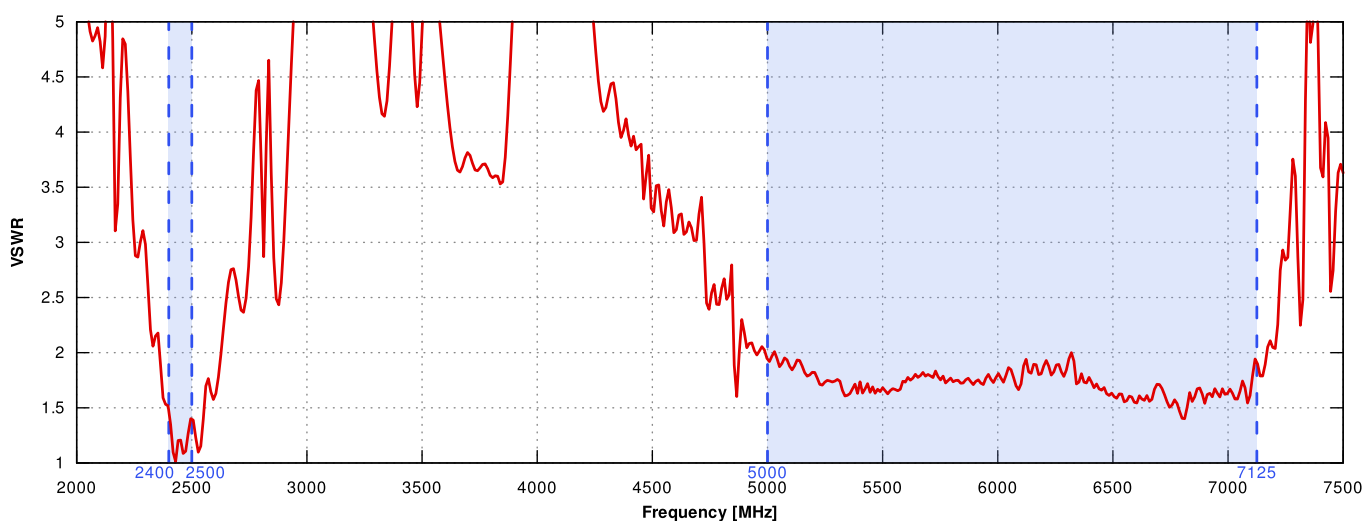
VARIANT: S7V.120.7NM

|        |           |
|--------|-----------|
| ACKSYS | RailTrack |
|--------|-----------|

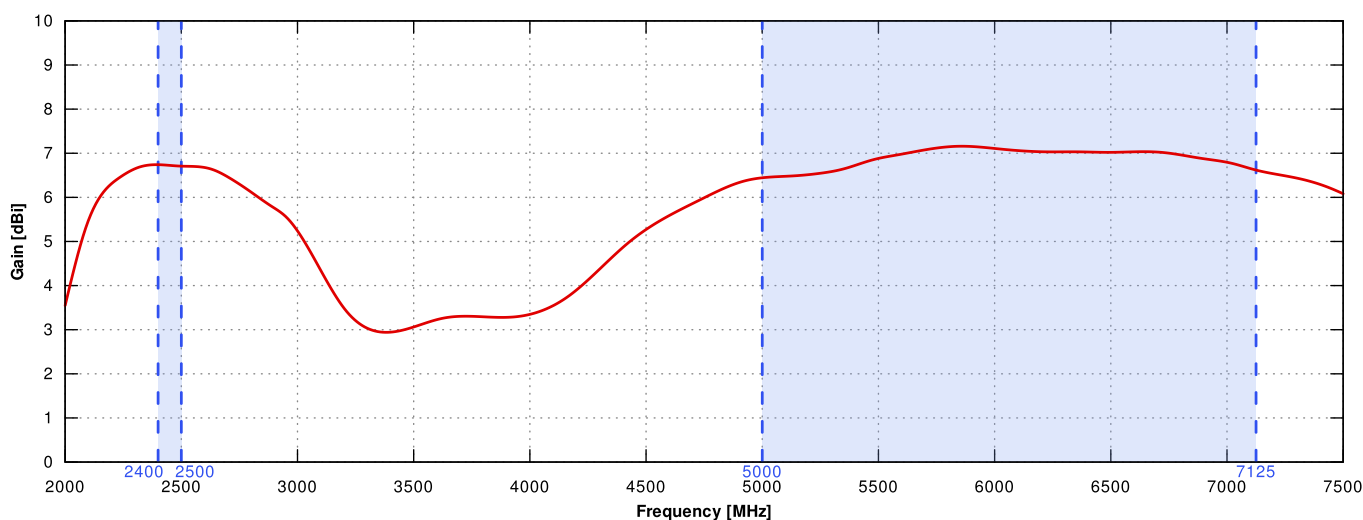
VARIANT: S7V.120.7RT

## PLOTS

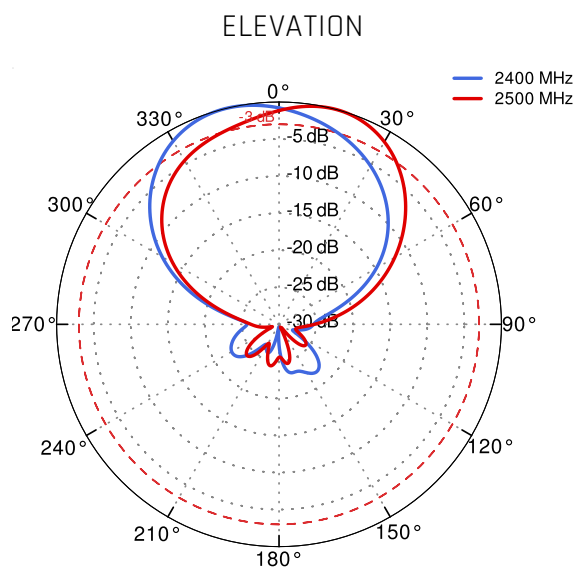
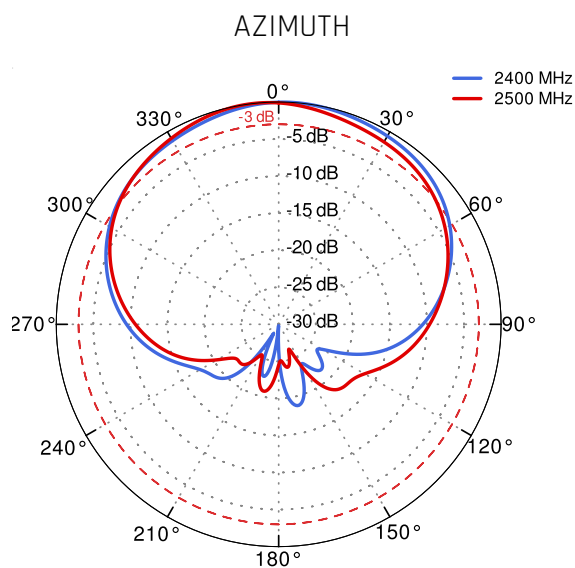
VSWR



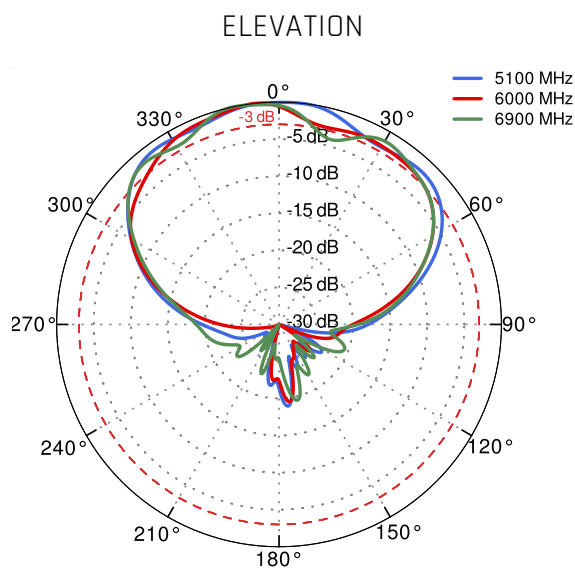
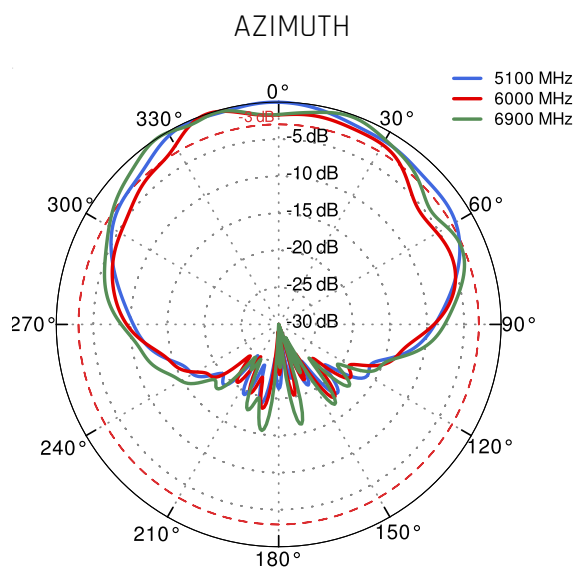
Gain



## From 2.4GHz to 2.5GHz



## From 5.1GHz to 6.9GHz



## DIMENSIONS

