# QuSector 7V-120-4 Wi-Fi 6E

**QuSector 7V-120-4 offers a 120 degrees, 7dBi signal gain. It is a perfect indoor and outdoor device for industrial installations. Wi-Fi 6E support!**

QuSector 7V-120-4 is a concurrent triple band, Vertical polarity, MIMO 4x4 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 4*70cm (28inch) cables terminated with Nm, RPSMA, RPTNC.






# 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 |
| BREAMWIDTH | 120°/60°<br>120°/90° |
| POLARIZATION | Vertical |
| IMPEDANCE | 50 Ω |
| SEPARATION BETWEEN CONNECTORS | >30dB |
| FRONT-TO-BACK | 20dB |
| MAX INPUT POWER | 50W |
| DC GROUND | Yes |

# MOUNTING KIT

| | |
|---|---|
| MATERIAL | Galvanized |
| WEIGHT | 0.3kg |
| MOUNTING PLACE | Mast |
| MAST DIAMETER | 40-66 mm<br>1.57-2.60 inch |


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# MECHANICAL SPECIFICATION

| | |
|---|---|
| MATERIAL | ASA |
| CONNECTOR | 4xRPSMA/4xNM/4xRPTNC |
| OUTER DIMENSIONS | 16.5 x 16.5 x 4.5 cm<br>6.5 x 6.5 x 1.77 inch |
| WEIGHT | 0.9 kg |
| OPERATING TEMPERATURE | -40°C to +80°C<br>-40°F to 176°F |

# COMPATIBLE ROUTERS

## VARIANT: S7V.120.4RS

| | |
|---|---|
| ADTRAN | Bluesocket 1925 |
| ADVANTECH | EKI-6333AC-2G, EKI-6333AC-4GP, EKI-6333AC-M12 |
| ALCATEL-LUCENT | Stellar AP1222, Stellar AP1322 |
| ARUBA | AP-314, AP-324, AP-334, AP-344, AP-514, AP-534, AP-634, AP-734, AP-764, IAP-314, IAP-324, IAP-334 |
| CISCO | Catalyst IW9165E |
| COMSET | CM770W-6 |
| D-LINK | DWL-6600AP, DWL-6610APE, DWL-8600AP |
| ENGENIUS | EAP1300EXT, ECW160, ECW260, ENS620EXT, ESW850 |
| ERICSSON (CRADLEPOINT) | R2400 |


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| | |
|---|---|
| EXTREME NETWORKS | AP 305Cx, AP 8533, AP3000X, AP310e |
| FORTINET | AP1020E, AP822E, FAP-223C, FAP-223E, FAP-224D, FAP-433F, FAP-433G, FAP-C225C, FAP-U223EV, FAP-U432F |
| HUAWEI | AP6150DN |
| JUNIPER NETWORKS | AP41E |
| MIKROTIK | L23UGSR-5HaxD2HaxD, RB912 |
| MIST | AP32E, AP41E, AP43E, AP61E |
| PEPLINK | Balance 310 fiber 5G, MAX HD2, MAX HD4 |
| WAVETEL | W3604 Multi-WAN, W3608 Multi-WAN |
| WLINK | G930 |
| OTHER | 4 * RPSMA |

## VARIANT: S7V.120.4NM

| | |
|---|---|
| RAJANT | BreadCrumb ES1–5050CS, BreadCrumb LX5-2255A, BreadCrumb LX5-2255B, BreadCrumb LX5-2455D, Hawk BreadCrumb FE1-4950, Hawk BreadCrumb® FE1-5050 / FE1-5050A, Peregrine BreadCrumb® FE1–2255B, Peregrine LTE BreadCrumb FE1-2455LS, Peregrine LTE BreadCrumb FE1-2455LW, Sparrow BreadCrumb ME5-5050CS |
| AEROHIVE NETWORKS | AP1130 |
| ARISTA | O-105E |
| ARUBA | AP-674 |
| CISCO | AIR-CAP1532E, AIR-CAP1562E, AIR-CAP1572EAC, AIR-CAP1572EC, Catalyst 9163E, Catalyst IW6300, IW3702-2E, IW3702-4E, MR74, MR76, MR84, MR86 |


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| | |
|---|---|
| D-LINK | DWL-8710AP |
| EXTREME NETWORKS | AP 360E, AP 3965E |
| FORTINET | FAP-222C |
| HUAWEI | AP6510DN-AGN, AP6610DN-AGN, AP6760R-51E, AP8150DN |
| PEPLINK | AP Pro AX |
| RAJANT | BreadCrumb ES1–5050CS, BreadCrumb LX5-2255A, BreadCrumb LX5-2255B, BreadCrumb LX5-2455D, Hawk BreadCrumb FE1-4950, Hawk BreadCrumb® FE1-5050 / FE1-5050A, Peregrine BreadCrumb® FE1–2255B, Peregrine LTE BreadCrumb FE1-2455LS, Peregrine LTE BreadCrumb FE1-2455LW, Sparrow BreadCrumb ME5-5050CS |
| RUCKUS | T750SE |
| SIEMENS | 6GK5788-1GY01-0AA0, 6GK5748-1GY01-0AA0 |
| XIRRUS | XH2-120 |
| OTHER | 4 * N-male |

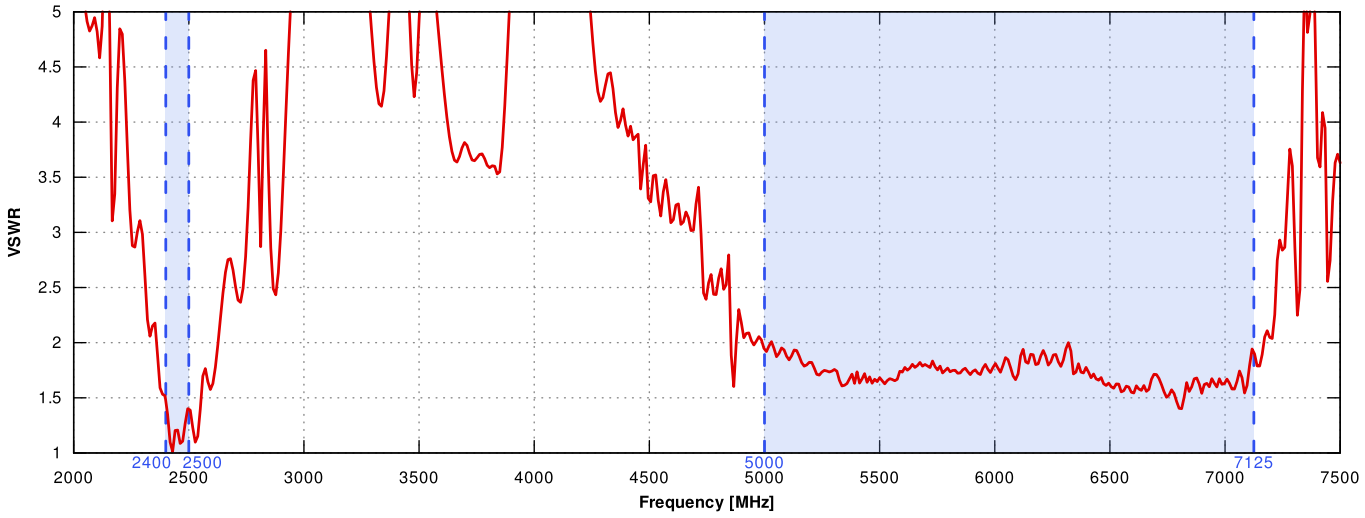
## VARIANT: S7V.120.4RT

| | |
|---|---|
| CISCO | AIR-CAP1852E, AIR-CAP2602E, AIR-CAP2702E, AIR-CAP2802E, AIR-CAP3602E, AIR-CAP3702E, AIR-CAP3702P, AIR-CAP3802E, AIR-CAP3802I, AIR-CAP3802P, Catalyst 9115AXE, Catalyst 9120AXE, Catalyst 9120AXP, MR42E, MR46E, MR53E |
| OTHER | 4 * RPTNC |

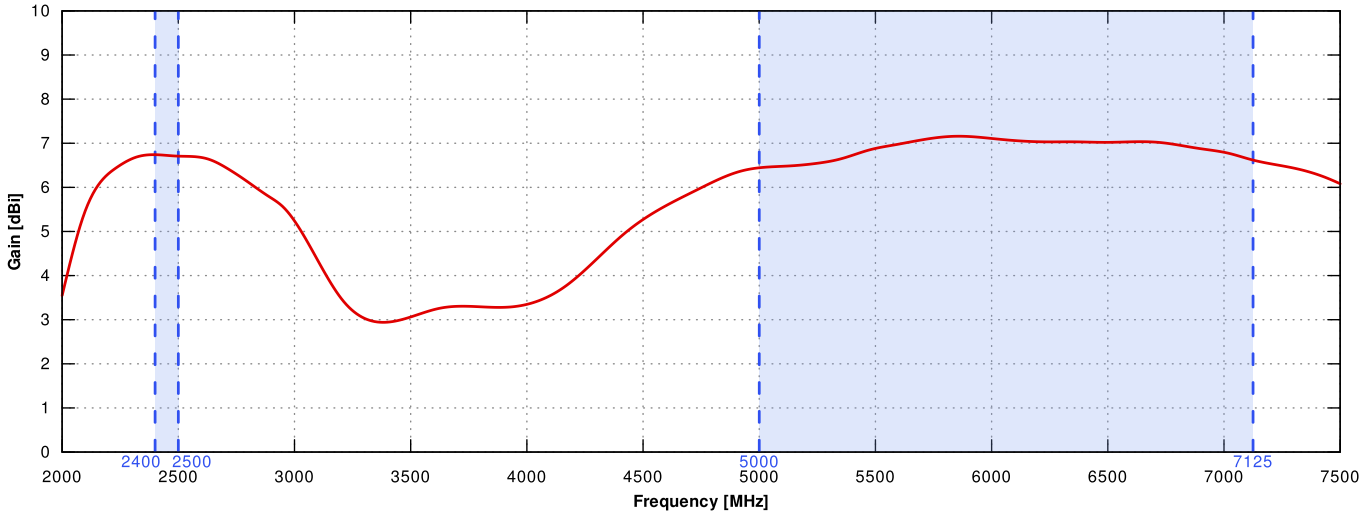

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# PLOTS

## VSWR




## Gain

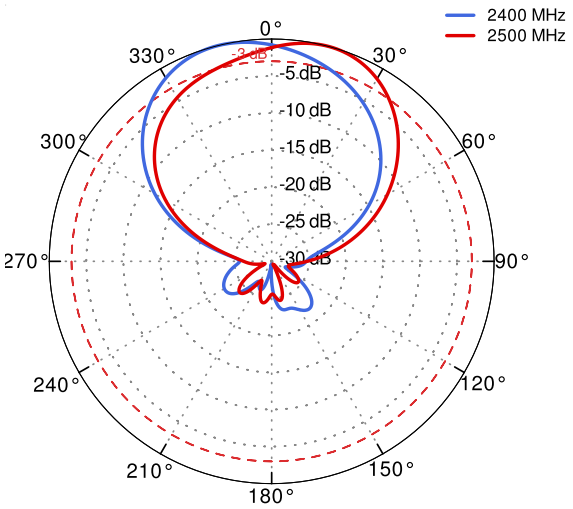




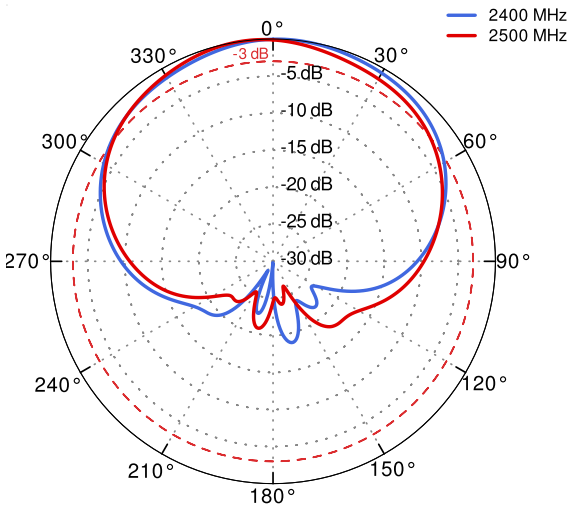
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## 2.4GHz to 2.5GHz

ELEVATION

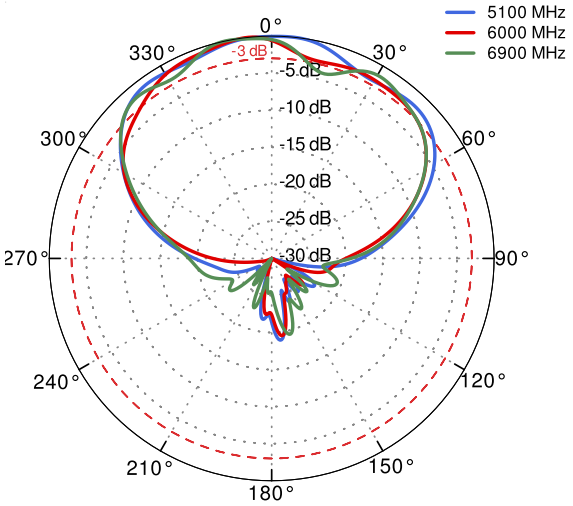



AZIMUTH

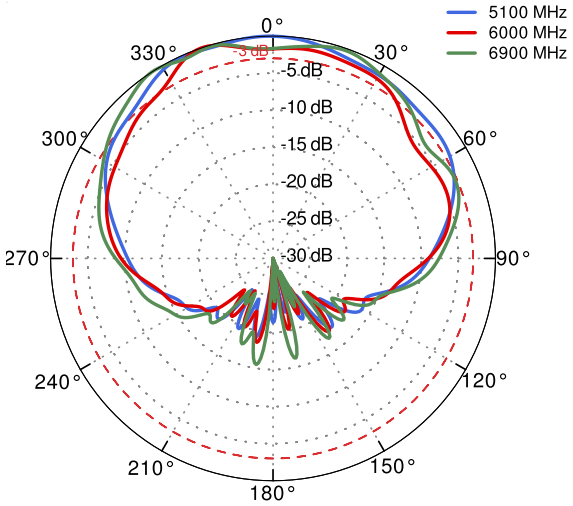



## 5.1GHz to 6.9GHz

ELEVATION



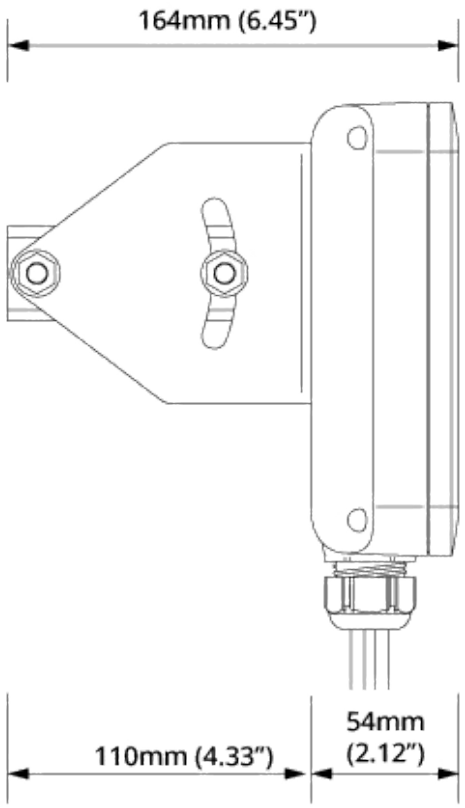

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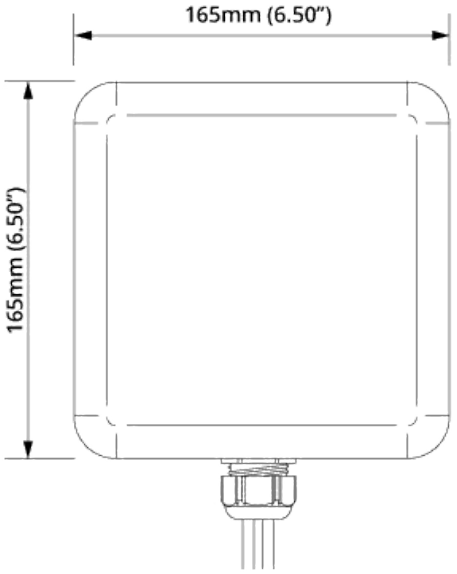




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# DIMENSIONS




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