# QuSector S24-12HV-90-2

**QuSector S24-12HV-90-2 offers a 90 degrees, 12dBi gain signal with two RP-SMA 2.4GHz connectors. It is a perfect indoor and outdoor device for industrial installations.**

QuSector S24-12HV-90-2 is a single band, H&V polarity, MIMO 2x2 panel antenna. Two connectors operate at 2.4GHz with 12dBi gain. 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 allows to implement it alongside with indoor and IP68 outdoor solutions. The antenna comes with 2*70cm (28inch) cables terminated with Nm, RPSMA, RPTNC connectors. QuSector S24-12HV-90-2 was designed to be a perfect match for your access point.

Wi Fi 2.4GHz | 2x2 MIMO | 2.4GHz | 12 dBi | DIRECTIONAL | IP 68 | -40° TO +80°

OUTDOOR ANTENNA WORKS IN **ANY WEATHER CONDITIONS**, IP68

ANTENNA **PERFECTLY MATCHED** WITH THE ROUTER

WALL OR MAST MOUNTING SYSTEM WITH **TWO PLANES**, **60 DEGREES REGULATION**

MADE IN **EUROPE**



# WI-FI SPECIFICATION

| | |
|---|---|
| FREQUENCY | 2.3 - 2.7GHz |
| GAIN | 14 dBi |
| VSWR | < 1.80 |
| BEAMWIDTH | 30°/30° |
| POLARIZATION | Horizontal<br>Vertical |
| IMPEDANCE | 50 Ω |
| SEPARATION BETWEEN CONNECTORS | > 32dB |
| FRONT-TO-BACK | > 30dB |
| MAX INPUT POWER | 50W |
| DC GROUND | Yes |

# MECHANICAL SPECIFICATION

| | |
|---|---|
| MATERIAL | ASA |
| CONNECTOR | 2xRPSMA/2xNM/2xRPTNC |
| OUTER DIMENSIONS | 29.2 x 48.6 x 10.6 cm<br>11.5 x 19.13 x 4.17 inch |
| WEIGHT | 2.5 kg |
| OPERATING TEMPERATURE | -40°C to +80°C<br>-40°F to 176°F |


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# MOUNTING KIT

| | |
|---|---|
| DIMENSIONS | 9.9 x 10.5 x 14.8 cm<br>3.9 x 4.13 x 5.83 inch |
| REGULATION RANGE | +/- 30° |
| MAST DIAMETER RANGE | 25 - 66mm<br>0.98-2.60 inch |
| MATERIAL | Polyamide with fiberglass + galvanized steel U-Bolts |
| MOUNTING PLACE | Wall or ceiling or mast |

# COMPATIBLE ROUTERS

## VARIANT: SS24.12HV.90.2RS

| | |
|---|---|
| TELTONIKA | RUT900, RUT901, RUT950, RUT951, RUT955, RUT956 |
| ROBUSTEL | R1520 Global, R1520-4L (S), R1520-4L (V), R2010, R2011 |
| D-LINK | DAP-2310, DAP-2360 |
| ERICSSON (CRADLEPOINT) | IBR600C |
| ROBUSTEL | R1520 Global, R1520-4L (S), R1520-4L (V), R2010, R2011 |
| TELTONIKA | RUT900, RUT901, RUT950, RUT951, RUT955, RUT956 |
| WAVETEL | W240 4G/LTE |


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## VARIANT: SS24.12HV.90.2NM

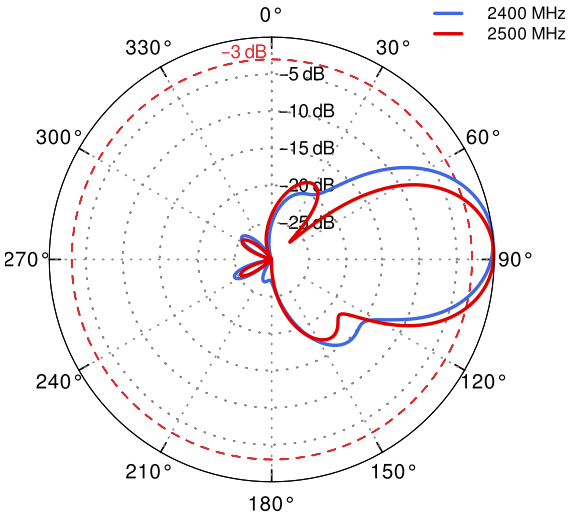
| | |
|---|---|
| RAJANT | BreadCrumb ES1-2450CS, BreadCrumb LX5-2255B, BreadCrumb LX5-2255C, BreadCrumb LX5-2295C, BreadCrumb LX5-2455D, BreadCrumb LX5-2955C, Hawk BreadCrumb FE1-2450 / FE1-2450A, Peregrine LTE BreadCrumb FE1-2455LS, Peregrine LTE BreadCrumb FE1-2455LW, Sparrow BreadCrumb ME5-2450CS |
| RAJANT | BreadCrumb ES1-2450CS, 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 |

## VARIANT: SS24.12HV.90.2RT

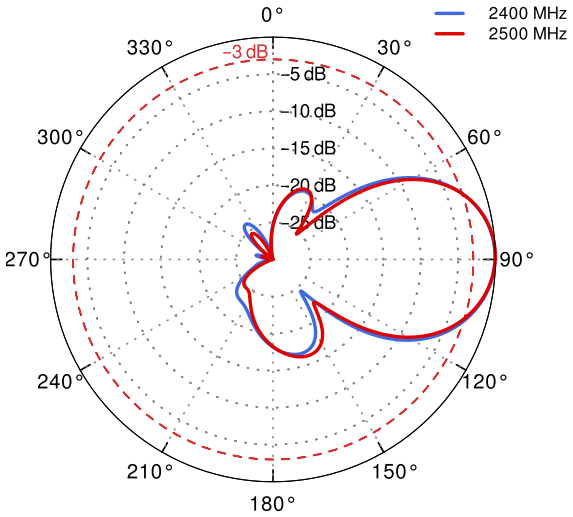
# PLOTS

### From 2.4GHz to 2.5GHz

PORT 1 ELEVATION




PORT 1 AZIMUTH

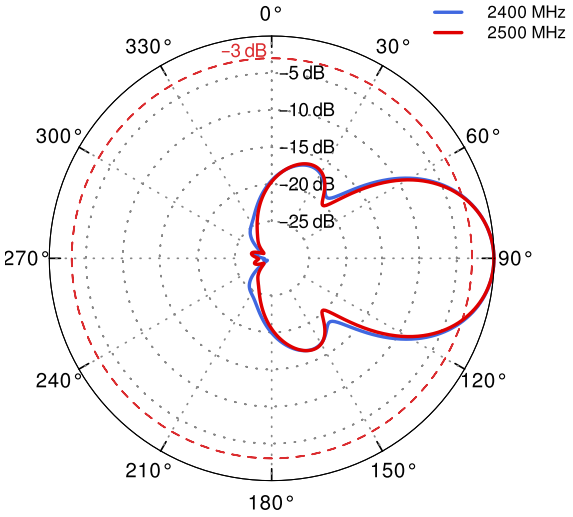




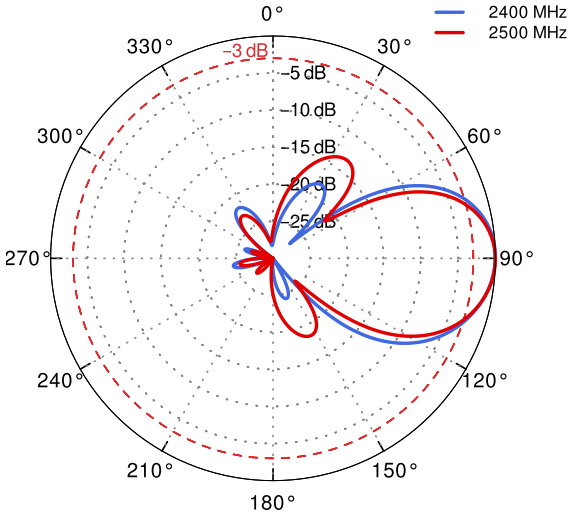
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## From 2.4GHz to 2.5GHz

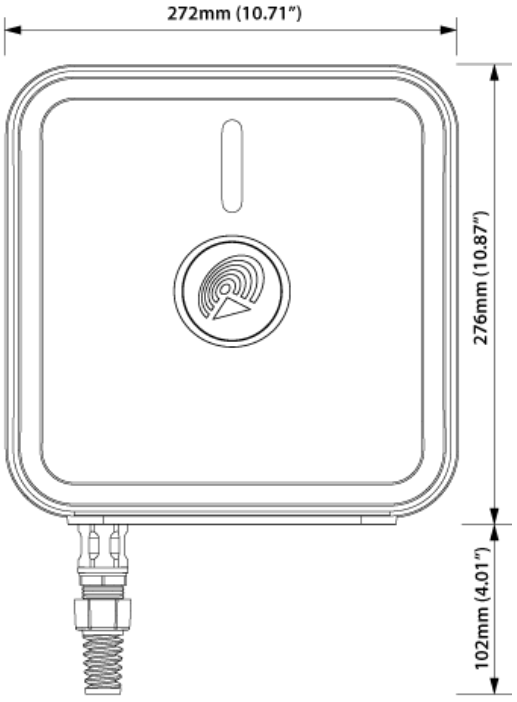
PORT 2 ELEVATION

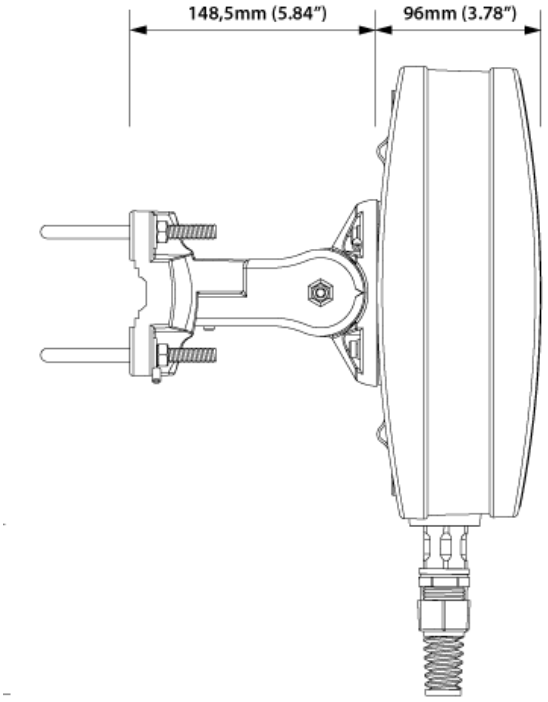



PORT 2 AZIMUTH




# DIMENSIONS




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