# QuSector 12HV-30-3

**QuSector 12HV-30-3 offers a 30 degrees, 12dBi gain signal with three 2.4GHz and 5.1 - 5.9GHz connectors. It is a perfect indoor and outdoor device for industrial installations.**

QuSector 12HV-30-3 is a single band, H&V polarity, MIMO 3x3 panel antenna. Three connectors operate at 2.4GHz and 5.1 - 5.9GHz 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 IP67 outdoor solutions. The antenna comes with 3*70cm (28inch) cables terminated with Nm, RPSMA or RPTNC connectors. QuSector 12HV-30-3 was designed to be a perfect match for your access point.

Wi Fi DUALBAND | 2.4GHz + 5GHz | 12 dBi | DIRECTIONAL | IP 67 | -40° TO +80°

# WI-FI SPECIFICATION

| | |
|---|---|
| FREQUENCY | 2.4 - 2.5GHz<br>5.1 - 5.9GHz |
| GAIN | 12 dBi |
| VSWR | < 2.00 |
| BEAMWIDTH | 35°/35° |
| POLARIZATION | Horizontal<br>Vertical |
| IMPEDANCE | 50 Ω |
| SEPARATION BETWEEN CONNECTORS | >25dB |
| FRONT-TO-BACK | > 20dB<br>>25dB |
| MAX INPUT POWER | 50W |
| DC GROUND | Yes |

# MECHANICAL SPECIFICATION

| | |
|---|---|
| MATERIAL | ASA |
| CONNECTOR | 3xRPSMA/3xNM/3xRPTNC |
| 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 |


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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: S12HV.30.3RS

| | |
|---|---|
| TELTONIKA | RUTC40, RUTC41, RUTC42, RUTC50, RUTC54 |
| ADVANTECH | ICR-4401W |
| ARUBA | AP-114, AP-124, AP-134, AP-214, AP-224, AP-304, IAP-214, IAP-224, IAP-304 |
| D-LINK | DSR-1000AC |
| EXTREME NETWORKS | AP 7532 |
| FORTINET | FAP-S313C, FAP-S323C, FAP-S323CR |
| HUAWEI | AP5130DN |
| JUNIPER NETWORKS | AX11 |
| QUECLINK | WR220 |


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| | |
|---|---|
| TELTONIKA | RUTC40, RUTC41, RUTC42, RUTC50, RUTC54 |
| OTHER | 3 * RPSMA |

## VARIANT: S12HV.30.3NM

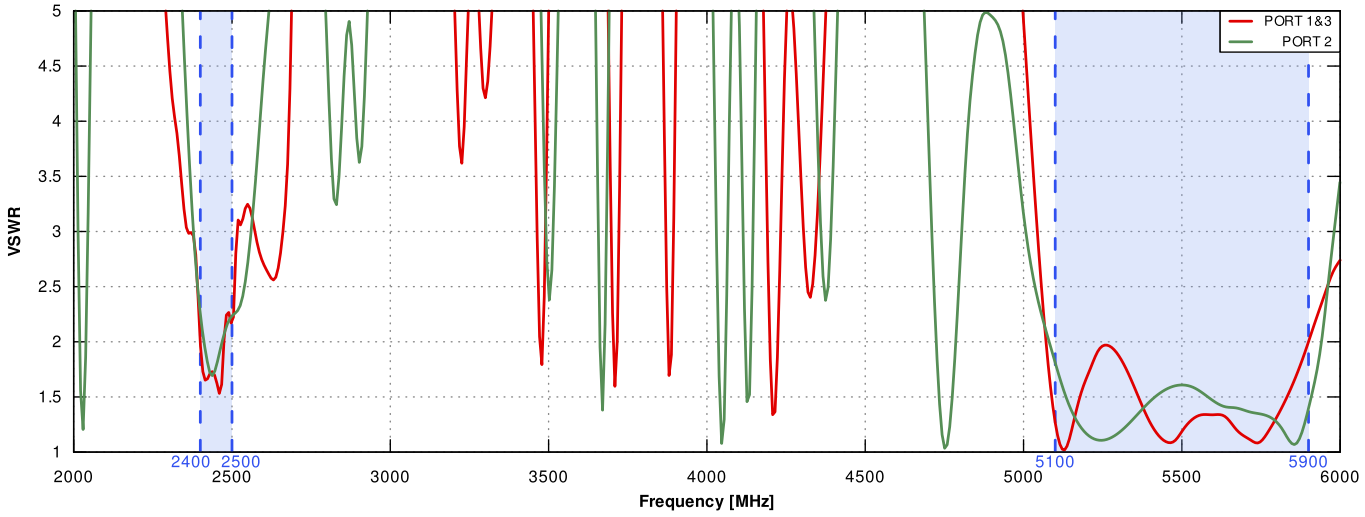
| | |
|---|---|
| SIEMENS | 6GK5748-1GD00-0AB0, 6GK5748-1GD00-0AA0, 6GK5788-1GD00-0AA0, 6GK5788-1GD00-0AB0 |
| OTHER | 3 * N-male |

## VARIANT: S12HV.30.3RT

| | |
|---|---|
| CISCO | AIR-CAP1602E |
| OTHER | 3 * RPTNC |

# PLOTS

## VSWR





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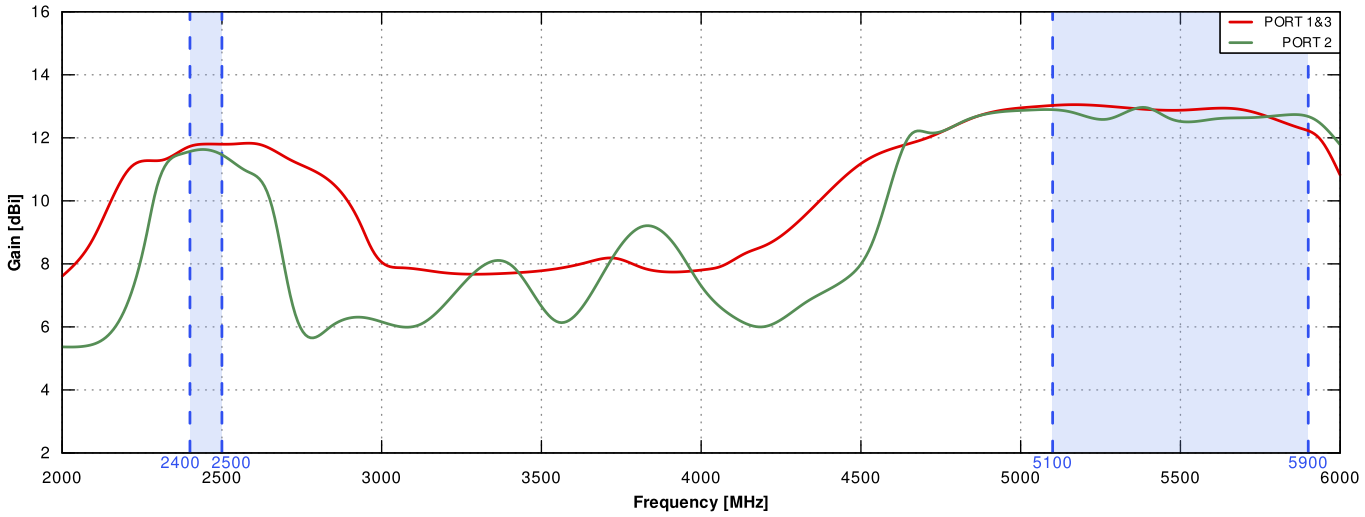
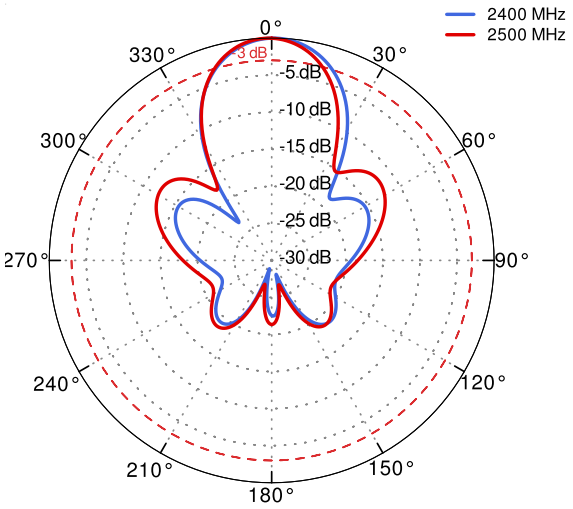
## Gain

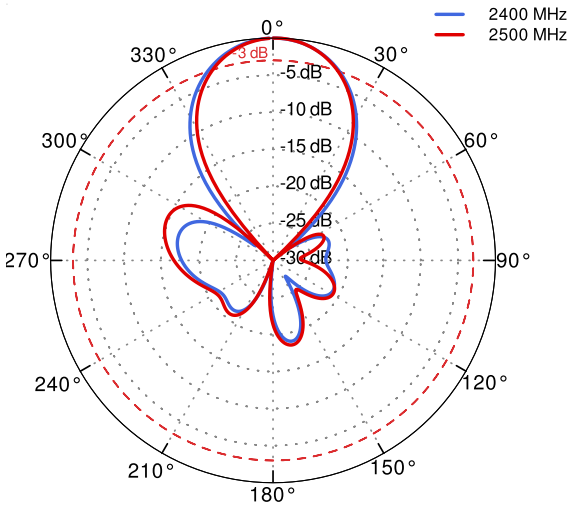



## PORT 1, 3 from 2.4GHz to 2.5GHz

AZIMUTH




ELEVATION



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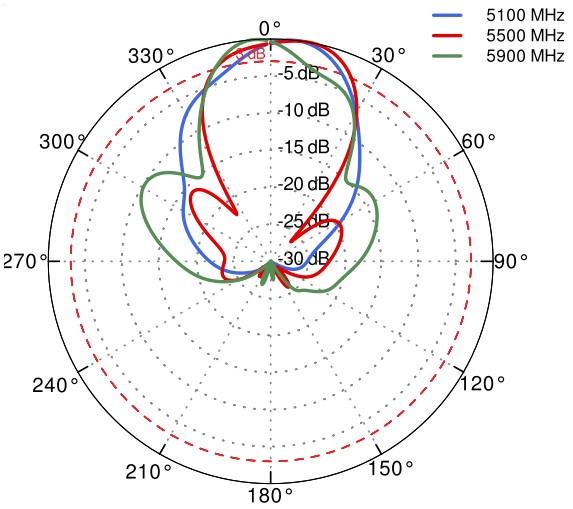
## Port 1, 3 from 5.1GHz to 5.9GHz

AZIMUTH

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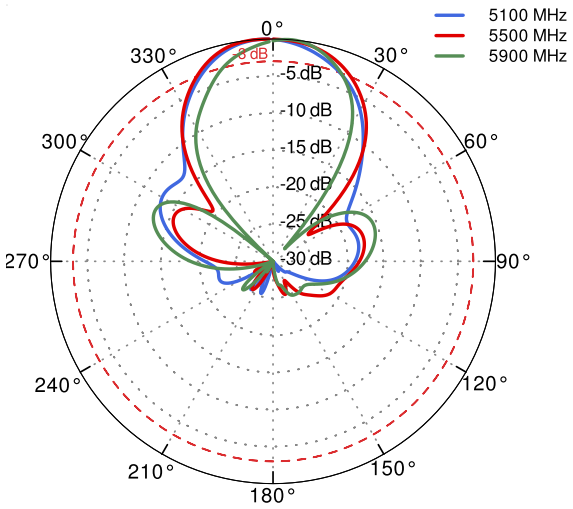


## PORT 2 from 2.4GHz to 2.5GHz

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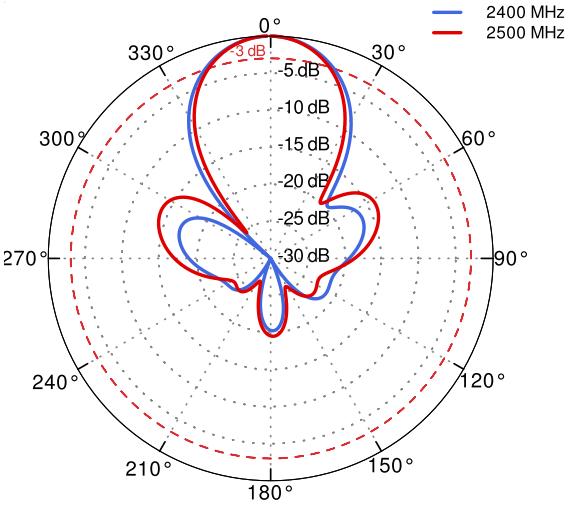


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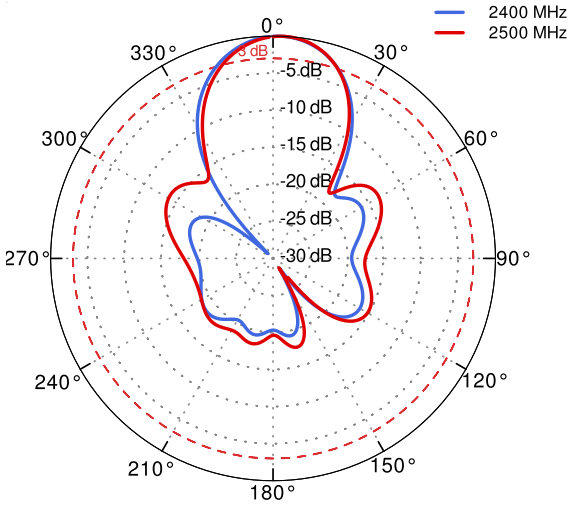



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## Port 2 from 5.1GHz to 5.9GHz

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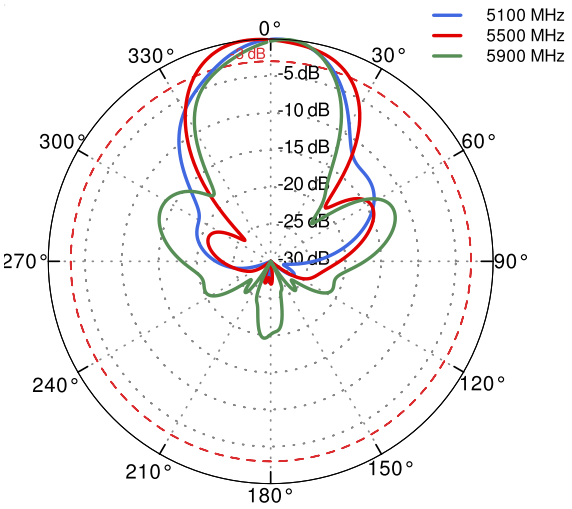


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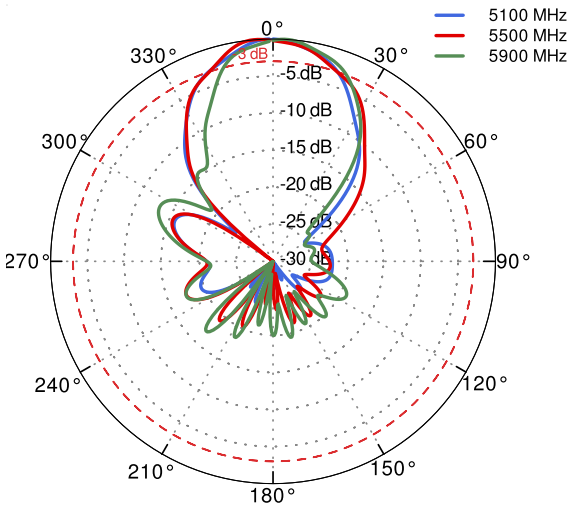
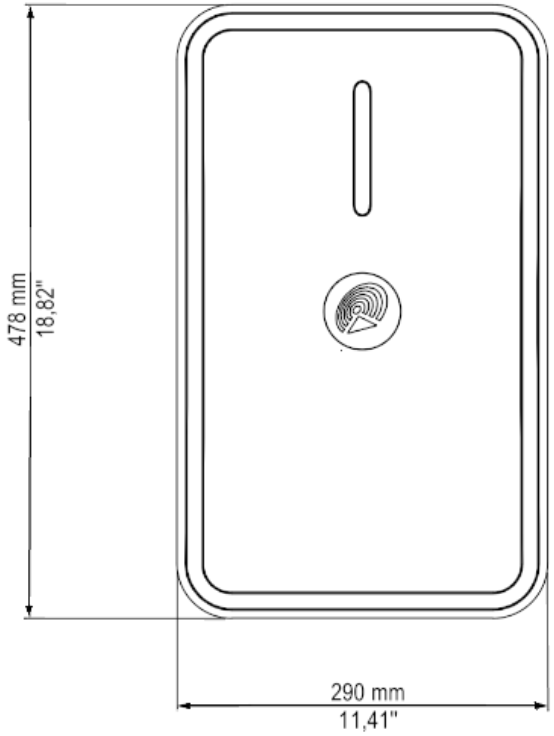
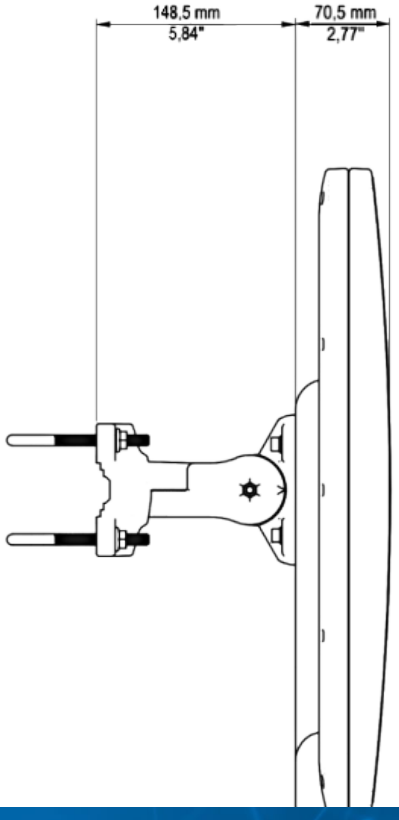



# DIMENSIONS




QuWireless
WWW.QUWIRELESS.COM
**Sales email:** sales@quwireless.com **Tel:** +48 513 900 416
**Support email:** support@quwireless.com **Website:** www.quwireless.com
**Address:** Wireless Instruments Sp. z o.o., ul. Kościuszki 27, 52-116 Iwiny, Poland

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