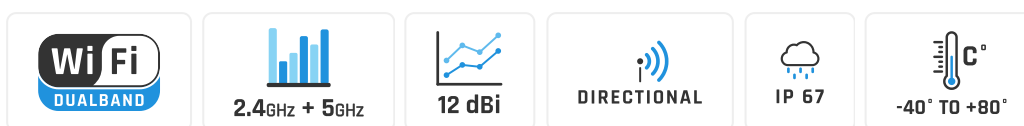


# QuSector 12HV-30-3

**QuSector 12HV-30-3 offers a 30 degrees, 12dBi gain signal with two RP-SMA 2.4GHz 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. 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 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.



OUTDOOR ANTENNA WORKS IN **ANY WEATHER CONDITIONS**, IP67



ANTENNA **PERFECTLY MATCHED** WITH THE ROUTER



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



MADE IN **EUROPE**



## WI-FI SPECIFICATION

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

## MECHANICAL SPECIFICATION

|                       |  |
|-----------------------|--|
| MATERIAL              | ABS  |
| 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               |

## 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 - 60mm<br>0.98-2.36 inch                          |
| MATERIAL            | Polyamide with fiberglass + galvanized steel U-Bolts |
| MOUNTING PLACE      | Wall or ceiling or mast                              |

## COMPATIBLE ROUTERS

VARIANT: S12HV.30.3RS

|                  |   |
|------------------|---|
| ADVANTECH        | ICR-4401W   |
| ARUBA            | AP-114, 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  |
| 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**

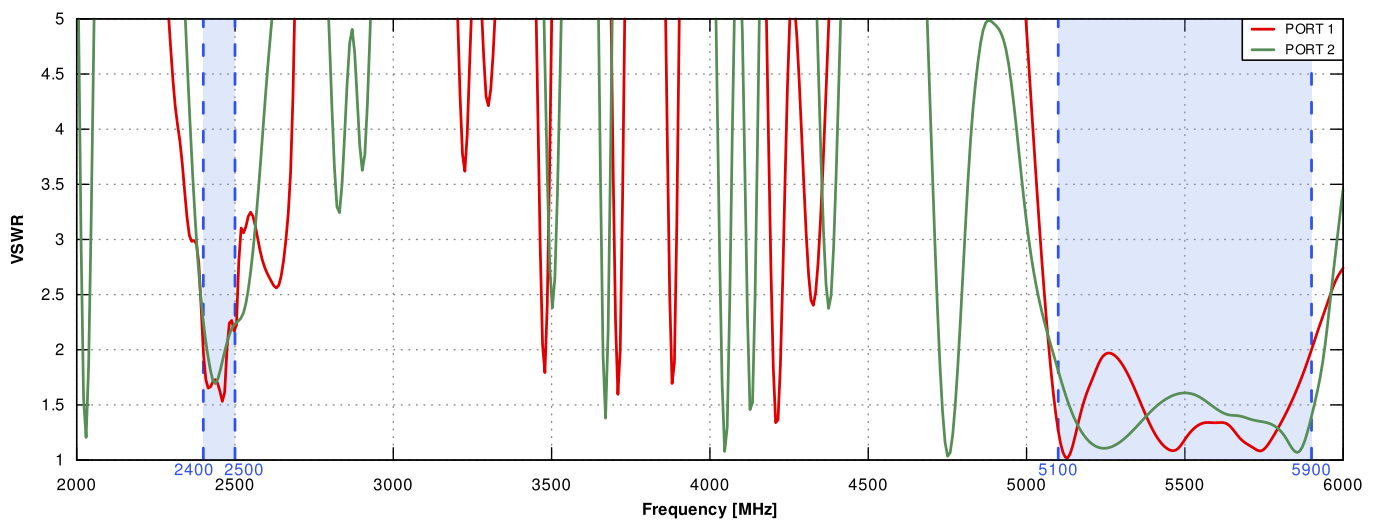
AIR-AP1602E

**OTHER**

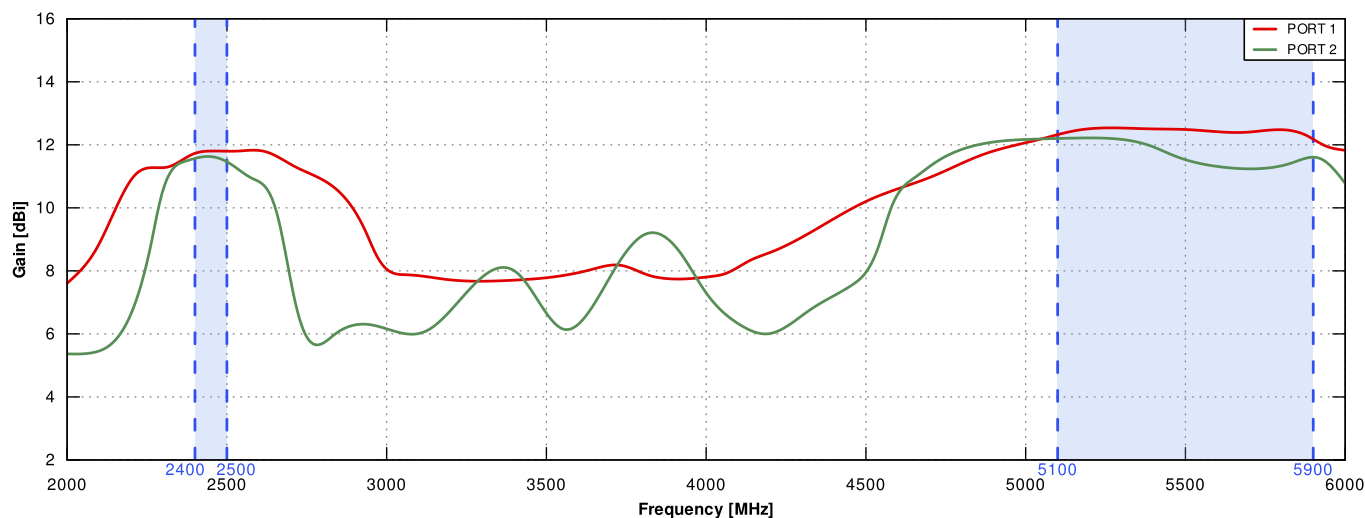
3 \* RPTNC

## PLOTS

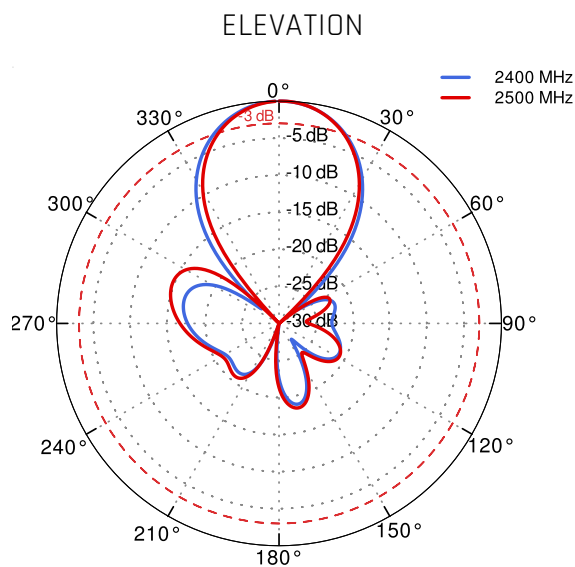
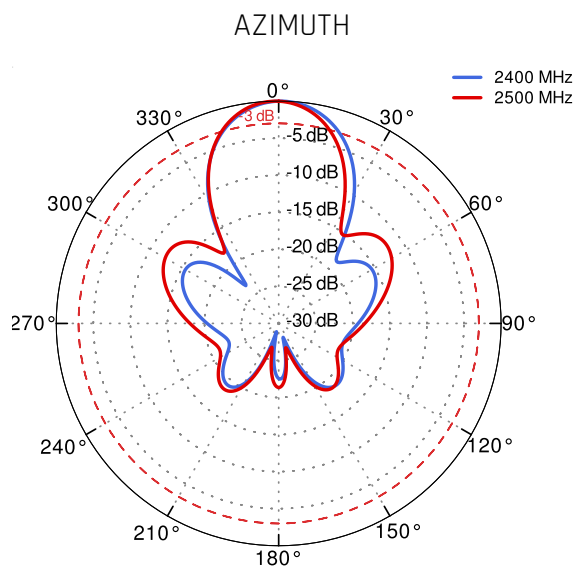
VSWR



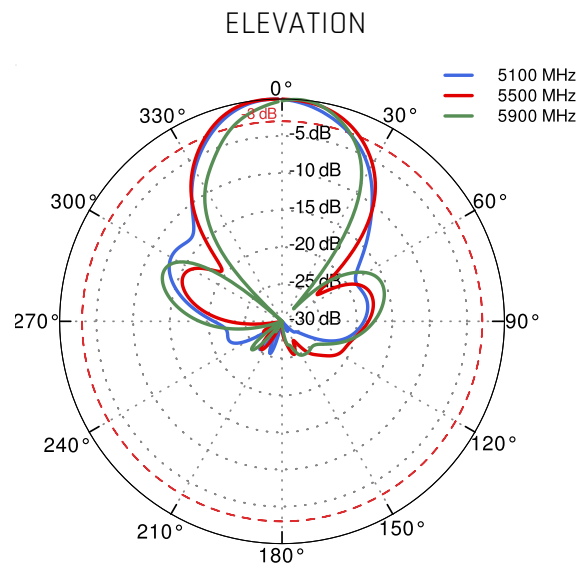
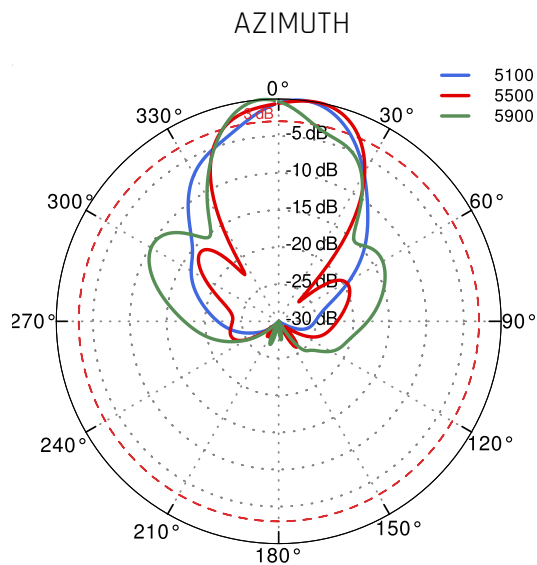
## Gain



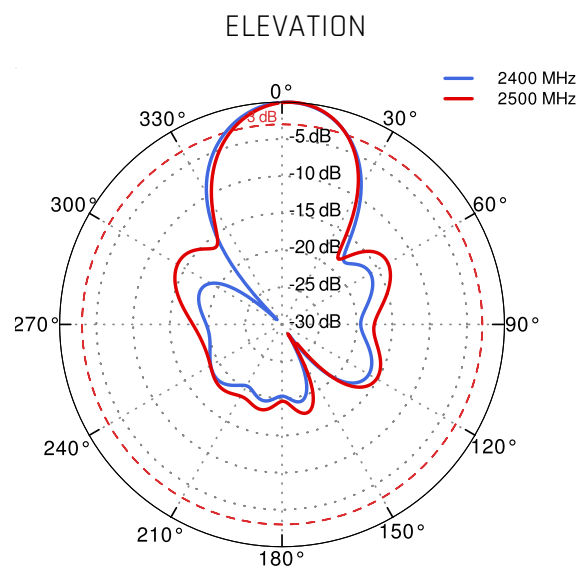
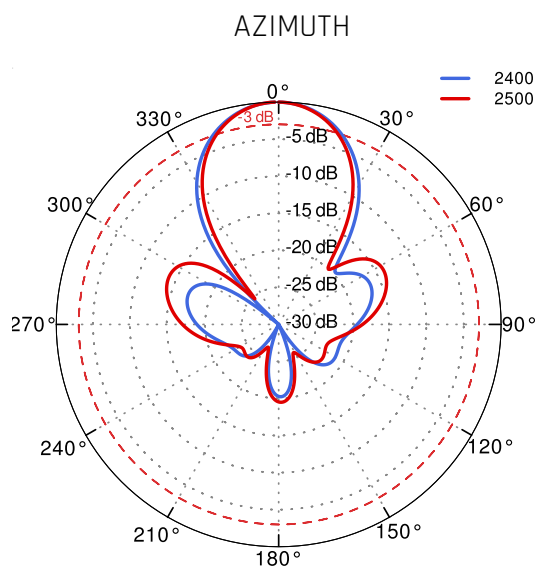
## PORT 1, 3 from 2.4GHz to 2.5GHz



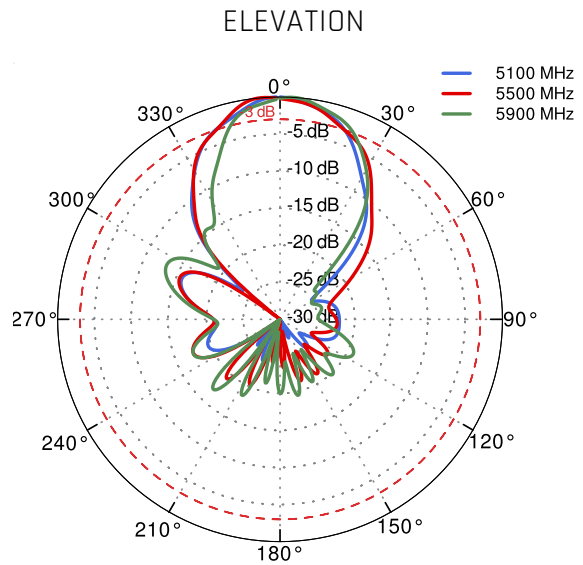
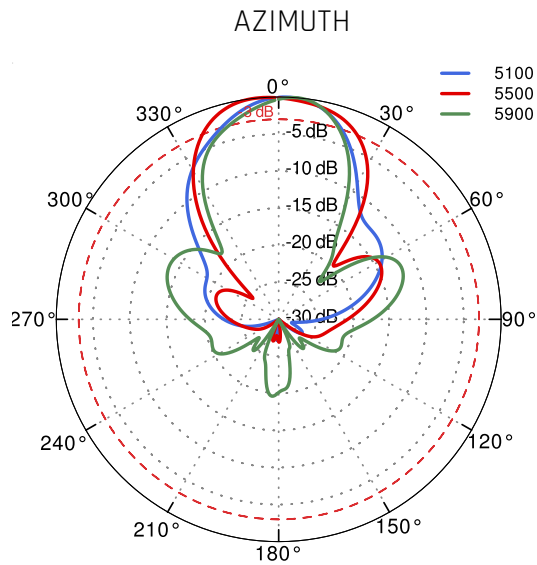
## Port 1, 3 from 5.1GHz to 5.9GHz



## PORT 2 from 2.4GHz to 2.5GHz



Port 2 from 5.1GHz to 5.9GHz



## DIMENSIONS

