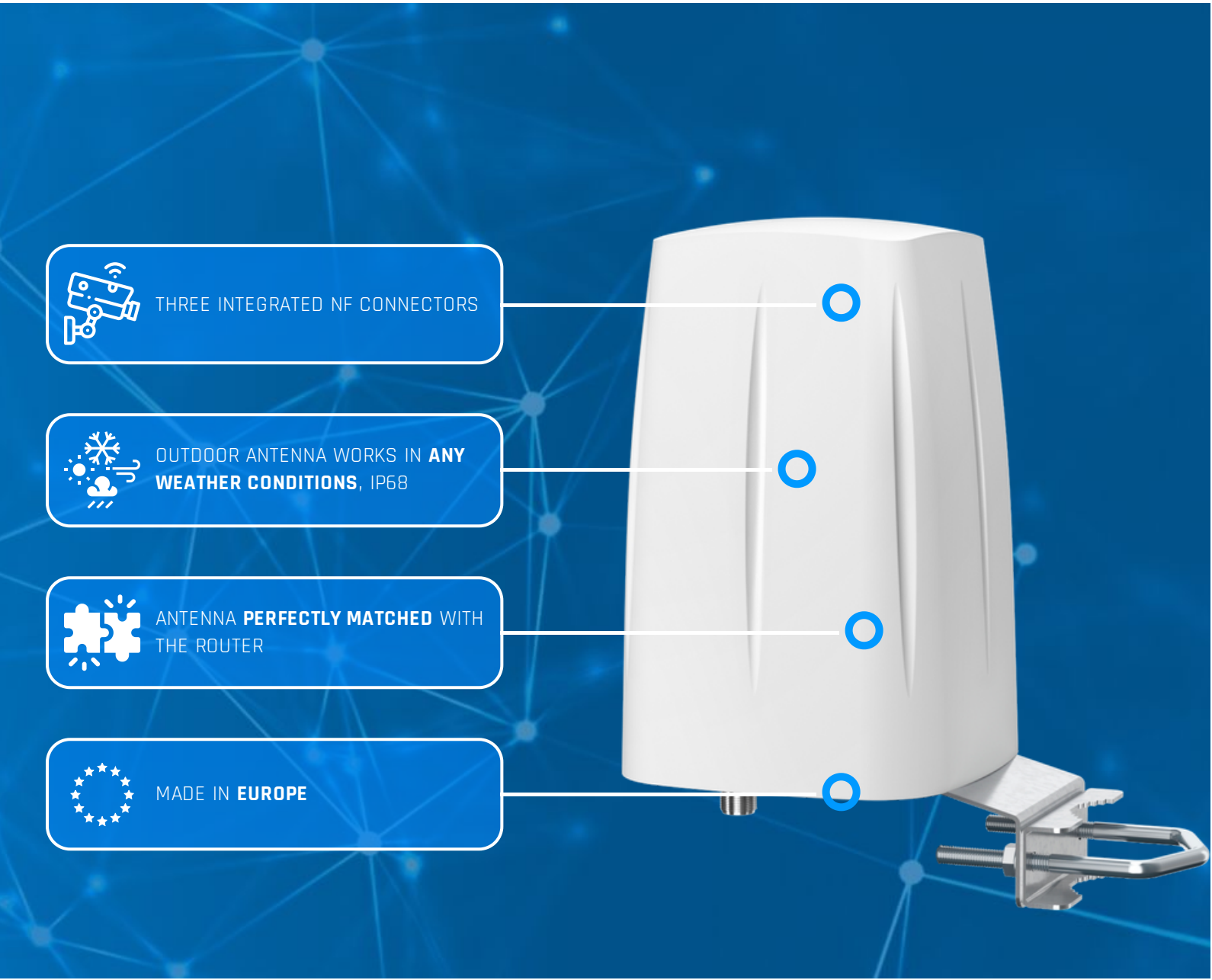
# QuOmni 7V-3 Nf Wi-Fi 6E

**QuOmni 7V-3 Wi-Fi 6E offers a 360 degrees, 6dBi (2.4GHz) & 7.5dBi (5GHz and 7GHz) gain signal. It is a perfect indoor and outdoor device for industrial installations.**

QuOmni 7V-3 is a concurrent dual band, Vertical polarity, MIMO 3x3 omni antenna. It simultaneously operates at **2.4GHz** with 6dBi gain and **5GHz+7GHz** with 7.5dBi gain. It is a futureproof solution with **Wi-Fi 6E** and **Wi-Fi 7** support. This antenna is predicted to be installed as the hotspot in parks, stadiums, warehouses, production halls, malls, lecture halls or another public places. Its aesthetic design is acceptable in most of the visible places. Wide frequency range (2.4-2.5GHz & 5.0-7.2GHz) helps to find suitable frequency for the most effective operation. The antenna comes in with three Nf connectors

Wi Fi 6E | 2.4GHz + 5GHz 6GHz + 7GHz | 7 dBi | OMNI DIRECTIONAL | IP 68 | -40° TO +80°



# WI-FI SPECIFICATION

| | |
|---|---|
| FREQUENCY | 2.4 - 2.5 GHz<br>5.0 - 7.2 GHz |
| GAIN | 2.4 - 2.5 GHz: 6dBi<br>5 GHz: 7.5dBi<br>7 GHz: 7.5dBi |
| VSWR | < 1.50, max < 2.00 |
| BEAMWIDTH | 360°/25° |
| POLARIZATION | Vertical |
| IMPEDANCE | 50 Ω |
| MAX INPUT POWER | 50W |
| DC GROUND | Yes |

# MECHANICAL SPECIFICATION

| | |
|---|---|
| MATERIAL | ASA |
| CONNECTOR | 3xRPSMA/3xRPTNC/3xNm |
| OUTER DIMENSIONS | 160 x 160 x 240 mm<br>6.3 x 6.3 x 9.45 inch |
| WEIGHT | 1.5 kg |
| OPERATING TEMPERATURE | -40°C to 80°C<br>-40°F to 176°F |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# MOUNTING KIT

| | |
|---|---|
| MATERIAL | Galvanized steel |
| WEIGHT | 0.4kg |
| MOUNTING PLACE | Wall or mast |
| MAST DIAMETER | 25-66 mm<br>0.98-2.60 inch |

# COMPATIBLE ROUTERS

## VARIANT: 07V.3Nf

| | |
|---|---|
| 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 |
| CISCO | AIR-CAP1602E |
| 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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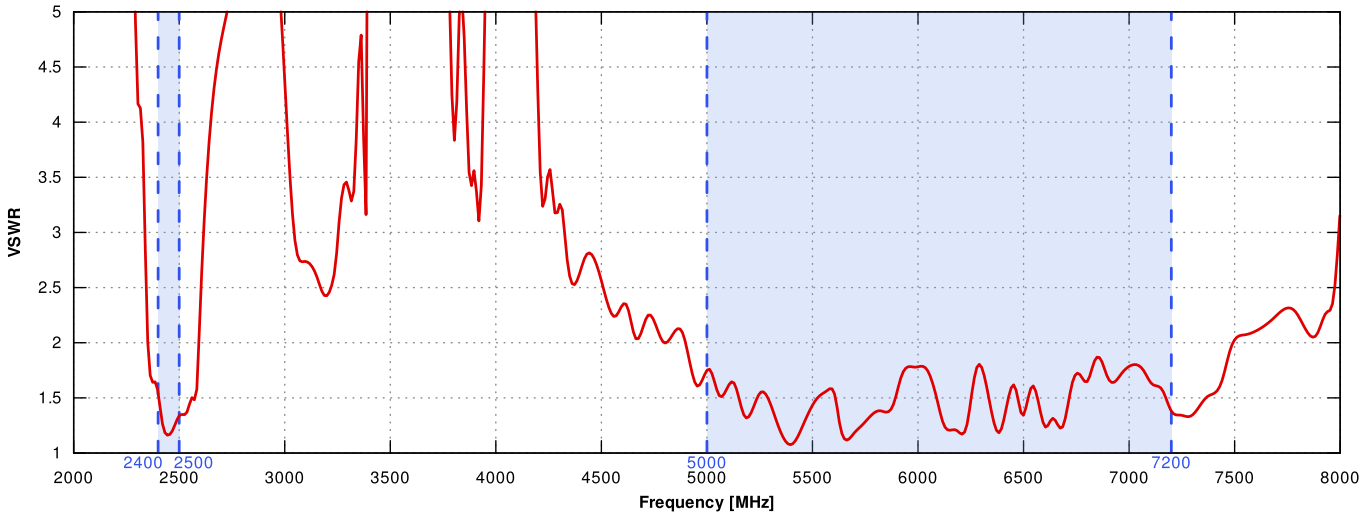
| | |
|---|---|
| SIEMENS | 6GK5748-1GD00-0AB0, 6GK5788-1FC00-0AA0, 6GK5788-1FC00-0AB0, 6GK5748-1FC00-0AA0, 6GK5748-1FC00-0AB0, 6GK5748-1GD00-0AA0, 6GK5786-1FC00-0AB0, 6GK5788-1GD00-0AA0, 6GK5788-1GD00-0AB0 |
| TELTONIKA | RUTC40, RUTC41, RUTC42, RUTC50, RUTC54 |
| WAVETEL | W4A00 5G |
| OTHER | 3 * N-male, 3 * RPSMA, 3 * RPTNC |

# PLOTS

## VSWR





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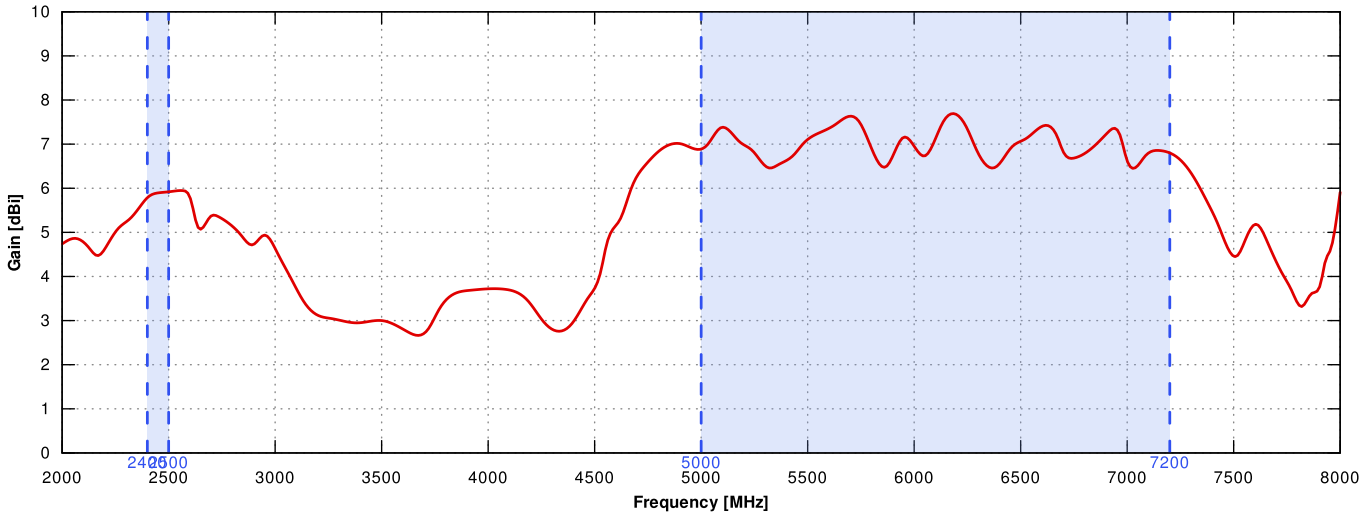
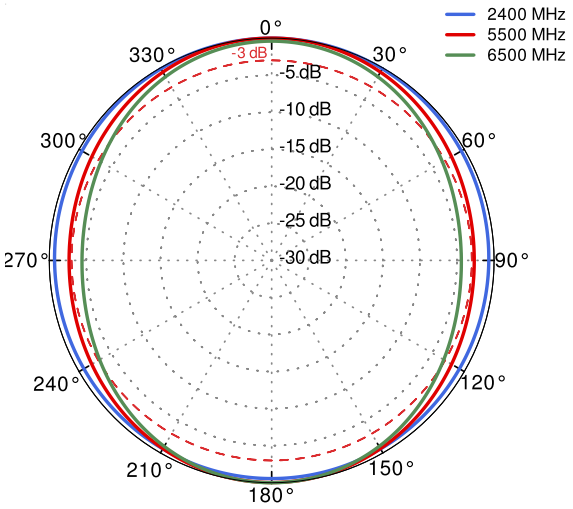
## GAIN

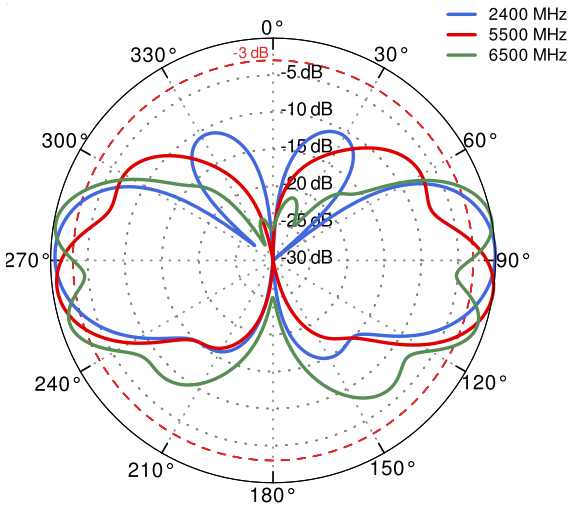



## 2.4GHz and 5GHz

AZIMUTH




ELEVATION





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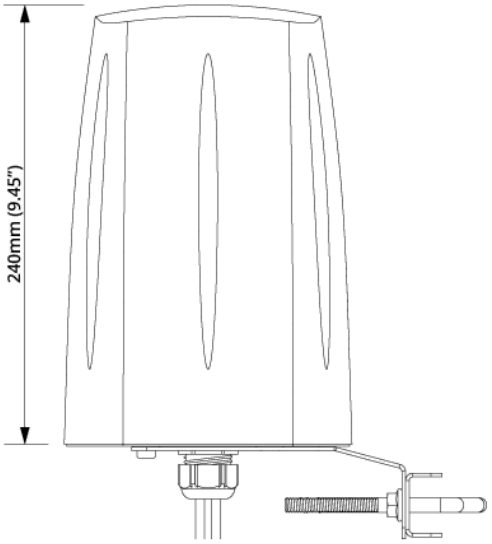
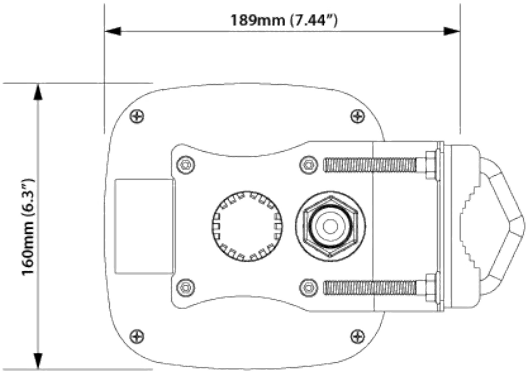
# DIMENSIONS

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