

# QuSector 15V-35-2 Nf Wi-Fi 6E

QuSector 15V-35-2 offers a 35 degrees, 11dBi (2.4GHz) & 15dBi (5+7GHz) signal gain. It is a perfect indoor and outdoor device for industrial installations.

QuSector 15V-35-2 Wi-Fi 6E is a concurrent triple band, Vertical polarity, panel antenna. It operates at **2.4GHz with 11dBi gain and at 5GHz+7GHz with 15dBi gain**. Its main purpose is to build small cells in high-density environments such as stadiums, lecture halls and concert halls. High quality injection moulded enclosure allows to implement it alongside with indoor and IP67 outdoor solutions. Wide frequency range (2.4-2.5GHz & 5.0-7.125GHz) helps to find suitable frequency for the most effective operation. The antenna comes with two Nf connectors.

**Wi Fi 6E**  
**2x2 MIMO**  
**2.4GHz + 5GHz  
6GHz + 7GHz**  
**15 dBi**  
**DIRECTIONAL**  
**IP 67**  
**-40° TO +80°****MADE IN EUROPE**

## WI-FI SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5.0 - 7.125 GHz
GAIN	2.4 - 2.5 GHz: 11dBi 5.0 - 7.125 GHz: 15dBi
VSWR	< 2.00
BEAMWIDTH	2.4 - 2.5 GHz: 80°/40° 5.0 - 7.125 GHz: 35°/25°
POLARIZATION	Vertical
IMPEDANCE	50 $\Omega$
SEPARATION BETWEEN CONNECTORS	> 35dB
FRONT-TO-BACK	> 25dB
MAX INPUT POWER	50W
DC GROUND	Yes

## MECHANICAL SPECIFICATION

MATERIAL	ABS
CONNECTOR	2xNf
OUTER DIMENSIONS	272 x 276 x 96 mm 10.71 x 10.87 x 3.78 inch
WEIGHT	1.8 kg
OPERATING TEMPERATURE	-40°C to +80°C -40°F to 176°F

## MOUNTING KIT

DIMENSIONS	9.9 x 10.5 x 14.8 cm 3.9 x 4.13 x 5.83 inch
REGULATION RANGE	+/- 30°
MAST DIAMETER RANGE	25 - 66mm 0.98-2.60 inch
MATERIAL	Polyamide with fiberglass + galvanized steel U-Bolts
WEIGHT	0.87kg
MOUNTING PLACE	Wall or ceiling or mast

## COMPATIBLE ROUTERS

VARIANT: S15V.35.2NF

TELTONIKA	RUT900, RUT901, RUT950, RUT951, RUT955, RUT956, RUTM10, RUTM11, RUTM51, RUTM52, RUTM54, RUTX10, RUTX11, RUTX12, RUTX50
ROBUSTEL	EG5100, EG5120, EG5200, R1520 Global, R1520-4L (S), R1520-4L (V), R2010, R2011, R201x, R5020, R5020 Lite
RAJANT	BreadCrumb ES1-2450IS, BreadCrumb ES1-2450CS, BreadCrumb LX5-2255A, 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
ACKSYS	AirBox LTE, AirBox/10, AirLink, AirWan, AirXroad, AirXroad/4P, RuggedAir100
ADVANTECH	EKI-1361(-MB) EKI-1362, EKI-6233BN, EKI-6333AC-2GD

<b>ANYBUS</b>	Wireless Router WLAN, WLAN Access Point IP30, WLAN Access Point IP67
<b>ARUBA</b>	AP-204, AP-504, IAP-204, RAP-108
<b>CISCO</b>	Catalyst IW9165D
<b>COMSET</b>	CM210A-W, CM210Q-W, CM510Q-W, CM550W, CM580W, CM685V-1, CM685V-4, CM685V-6, CM685V-6-G, CM685VX, CM820Q-4, CM820Q-6, CM950W
<b>D-LINK</b>	DAP-1665, DAP-2020, DAP-2310, DAP-2360, DBA-3621P, DIS-2650AP, DWL-8720AP, N300 4G
<b>DIGI</b>	TX54 LTE-Advanced, TX64, WR44 RR
<b>ENGENIUS</b>	ENS500EXT
<b>ERICSSON (CRADLEPOINT)</b>	E300, IBR600C, IBR900, R1900, R500, R920, R980, S700, W4005
<b>EXTREME NETWORKS</b>	AP 3917, AP 7522, AP 7522E, AP122X, AP305CX
<b>FORTINET</b>	FAP-233G, FAP-U432F
<b>FOUR-FAITH</b>	5G Industrial Router F-NR100, 5G SIM WiFi Router F-NR120, 5G Smart Light Pole Gateway F-G300, Edge Computing Gateway F-G100
<b>HUAWEI</b>	AP4051DN, AP4130DN, AP4151DN
<b>MERU</b>	AP1010E
<b>MIKROTIK</b>	L009UiGS-2HaxD-IN, L11UG-5HaxD, RB922
<b>MOXA</b>	AWK-1131A Series, AWK-1137C Series, AWK-1151C Series, AWK-3131A Series, AWK-3252A Series, AWK-4131A Series, AWK-4252A Series, TAP-213 Series

<b>PEPLINK</b>	AP One Rugged, B One, Balance 20X, BR1 Pro (CAT-20), BR1 Pro CAT-20, BR2 PRO, MAX BR1 Mini M2M, MAX BR1 MK2, MAX BR1 Pro, MAX BR1 Pro 5G, MAX Transit, MAX Transit Duo Pro, UBR Plus
<b>PERLE</b>	IOLAN SCG W Secure Console Server, IOLAN SCG WM Secure Console Server, IOLAN SDG W Serial Device Servers
<b>PROROUTE</b>	H685 LTE 4G CAT6 Router, H685 WRT M2M 5G Router, H900 5G Router
<b>RAJANT</b>	BreadCrumb ES1-2450IS, BreadCrumb ES1-2450CS, BreadCrumb LX5-2255A, 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
<b>ROBUSTEL</b>	EG5100, EG5120, EG5200, R1520 Global, R1520-4L (S), R1520-4L (V), R2010, R2011, R201x, R5020, R5020 Lite
<b>RUCKUS</b>	T350SE
<b>SEMTECH (SIERRA WIRELESS)</b>	AirLink RV55, AirLink RX55, RV55, XR60
<b>SIEMENS</b>	6GK5763-1AL00-7DA0, 6GK5766-1GE00-7DB0, 6GK5763-1AL00-3AA0, 6GK5763-1AL00-3DA0, 6GK5763-1AL00-7DB0, 6GK5766-1GE00-3DA0, 6GK5766-1GE00-3DB0, 6GK5766-1GE00-7DA0, 6GK5766-1GE00-7TA0, 6GK5766-1GE00-7TB0, Scalance W734 RJ45, Scalance W738 M12, Scalance W774 M12 EEC, Scalance W774 RJ45, Scalance W778-1 M12, Scalance W778-1 M12 EEC, SCALANCE W786
<b>TELTONIKA</b>	RUT900, RUT901, RUT950, RUT951, RUT955, RUT956, RUTM10, RUTM11, RUTM51, RUTM52, RUTM54, RUTX10, RUTX11, RUTX12, RUTX50
<b>WAVETEL</b>	W240 4G/LTE, W2400 LTE , W3600 4G/LTE Dual WAN, W4600, W4600-NR 5G, W4600-S2, WNR320 5G, WNR340 5G, WNR5601 5G
<b>WLINK</b>	ER120, G200, G230, G510, G520, G530, G530, R220, R520
<b>XIRRUS</b>	XR-520H

**ZYXEL**

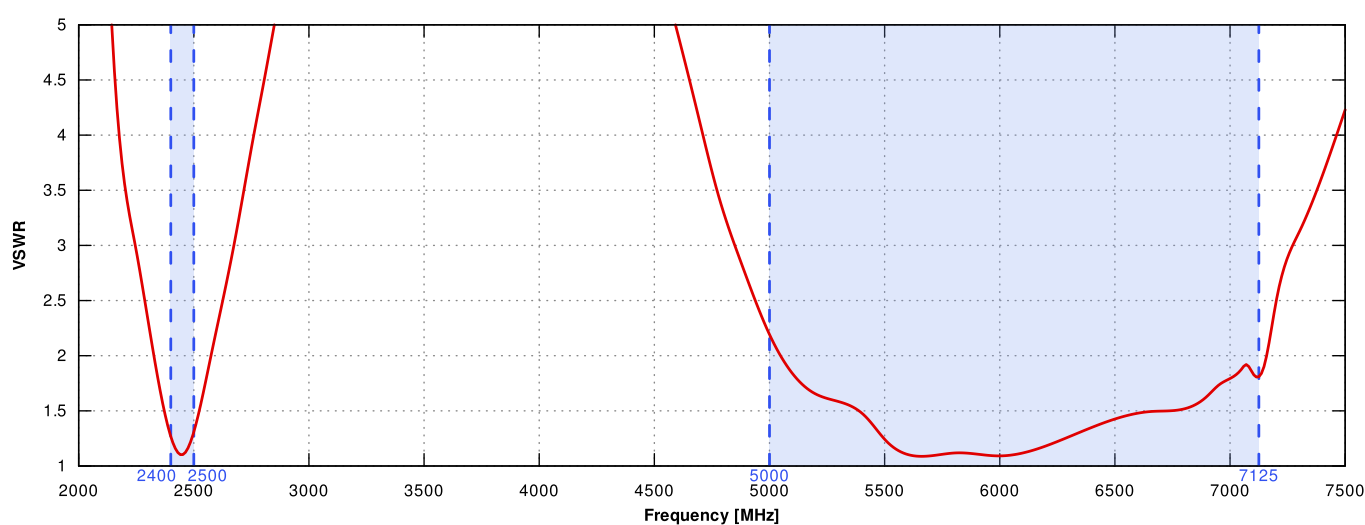
LTE3301-PLUS, NWA55AXE

**OTHER**

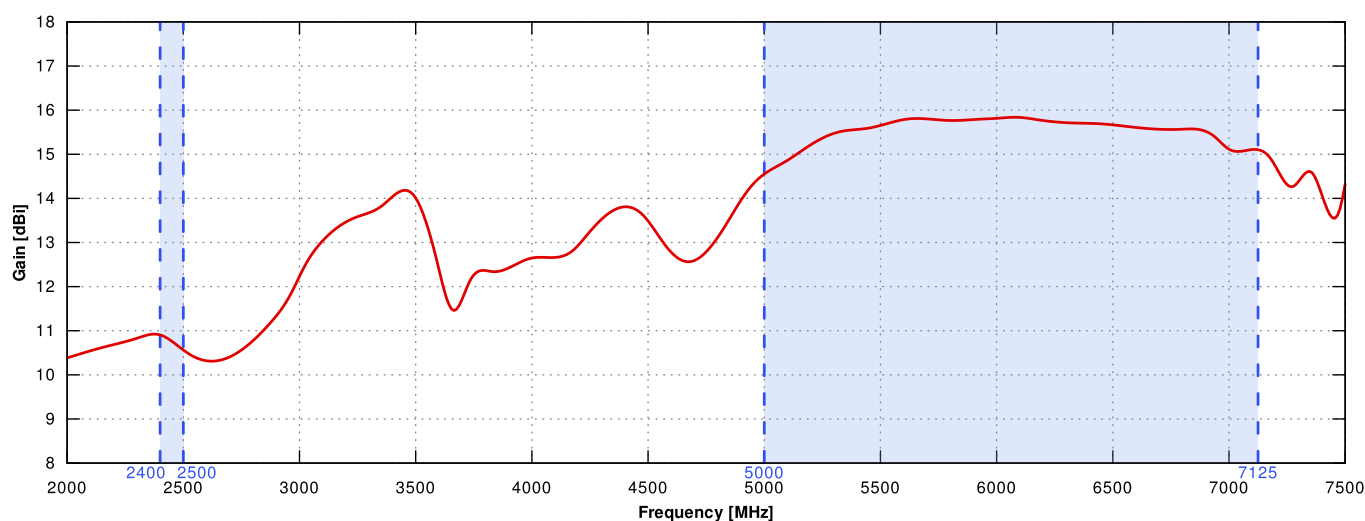
2 \* N-male, 2 \* RPSMA, 2 \* RPTNC

## PLOTS

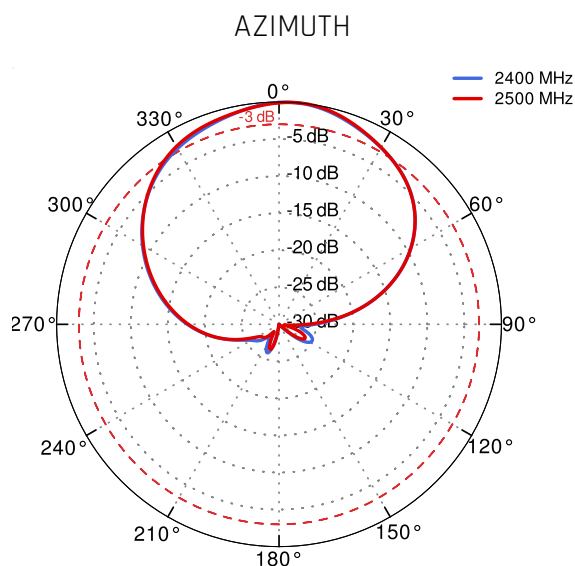
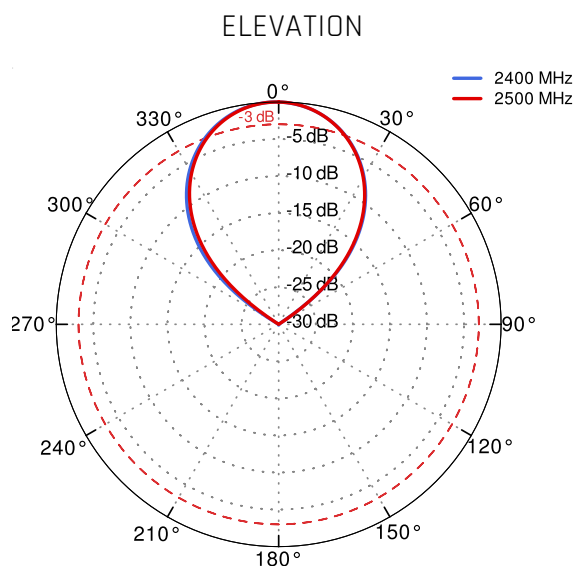
VSWR



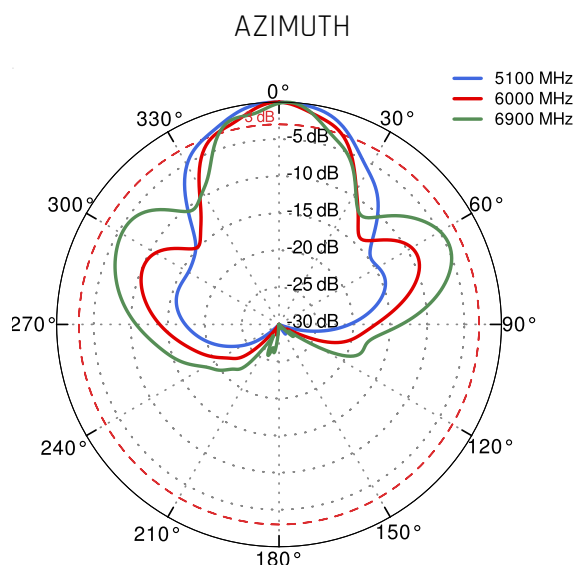
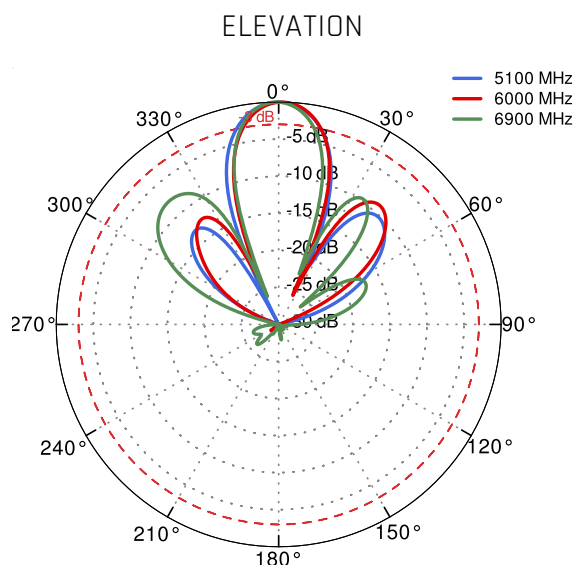
Gain



## 2.4GHz to 2.5GHz



## 5.1GHz to 6.9GHz



## DIMENSIONS

