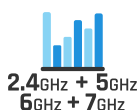


# QuSector 15V-35-2 Wi-Fi 6E

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 in three versions: with 2\*70cm (28inch) cables terminated with Nm, RPSMA, RPTNC.

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

## WI-FI SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5.0 - 7.125GHz
GAIN	2.4 - 2.5 GHz: 11dBi 5.0 - 7.125GHz: 15dBi
VSWR	< 2.00
BEAMWIDTH	2.4 - 2.5 GHz: 80°/40° 5.0 - 7.125GHz: 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	2xRPSMA/2xNM/2xRPTNC
OUTER DIMENSIONS	29.2 x 48.6 x 10.6 cm 11.5 x 19.13 x 4.17 inch
WEIGHT	2.5 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 - 60mm 0.98-2.36 inch
MATERIAL	Polyamide with fiberglass + galvanized steel U-Bolts
WEIGHT	0.87kg
MOUNTING PLACE	Wall or ceiling or mast

## COMPATIBLE ROUTERS

VARIANT: S15V.35.2NM

ACKSYS	RuggedAir100
ANYBUS	WLAN Access Point IP67
CISCO	Catalyst IW9165D
D-LINK	DBA-3621P
EXTREME NETWORKS	AP 3917
MIKROTIK	L11UG-5HaxD
RUCKUS	T350SE
SIEMENS	6GK5766-1GE00-7DB0, 6GK5766-1GE00-3DA0, 6GK5766-1GE00-3DB0, 6GK5766-1GE00-7DA0, 6GK5766-1GE00-7TA0, 6GK5766-1GE00-7TB0, Scalance W738 M12, Scalance W778-1 M12, Scalance W778-1 M12 EEC

**OTHER**

2 \* N-male

VARIANT: S15V.35.2RT

**DIGI**

WR44 RR

**DIGI**

WR44 RR

**XIRRUS**

XR-520H

**OTHER**

2 \* RPTNC

VARIANT: S15V.35.2RS

**TELTONIKA**

RUT900, RUT901, RUT950, RUT951, RUT955, RUT956, RUTX10, RUTX11, RUTX12, RUTX50

**DIGI**

TX54 LTE-Advanced

**ROBUSTEL**

EG5100, EG5120, R1520 Global, R1520-4L (S), R1520-4L (V), R2010, R2011, R201x, R5020, R5020 Lite

**ACKSYS**

AirBox LTE, AirBox/10, AirLink, AirWan, AirXroad, AirXroad/4P

**ANYBUS**

Wireless Router WLAN

**ARUBA**

AP-204, AP-504, IAP-204, RAP-108

**CAMBIUM NETWORKS**

ePMP 4600L

**CRADLEPOINT**

IBR600C, IBR900, R1900, R920, S700

**D-LINK**

DAP-1665, DAP-2020, DAP-2310, DAP-2360, DIS-2650AP, DWL-8720AP, N300 4G

**DIGI**

TX54 LTE-Advanced

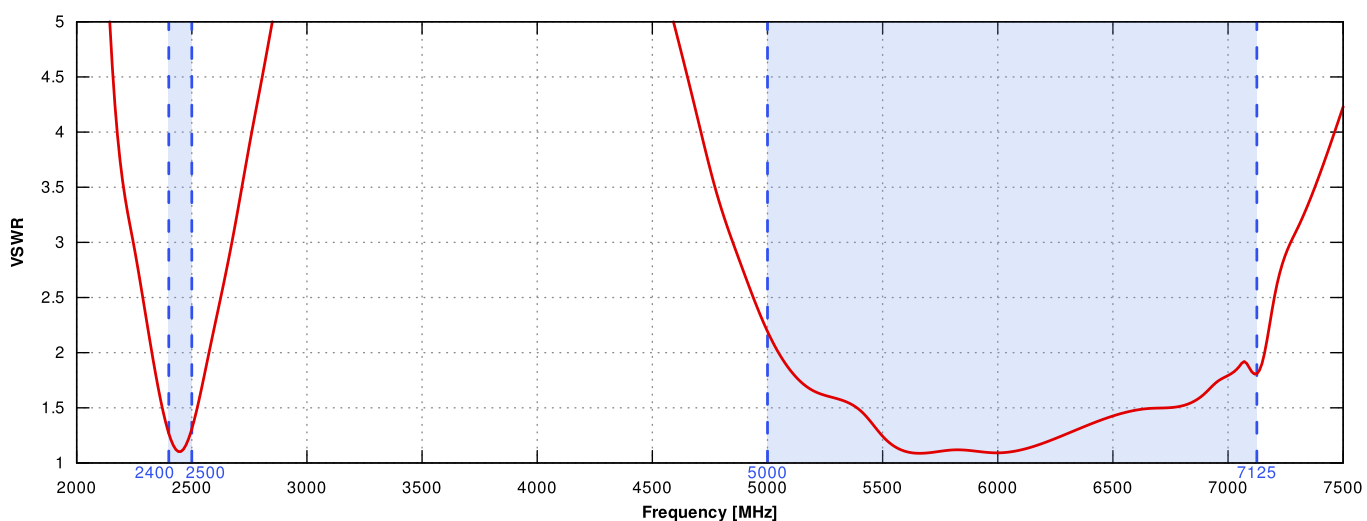
**ENGENIUS**

ENS500EXT

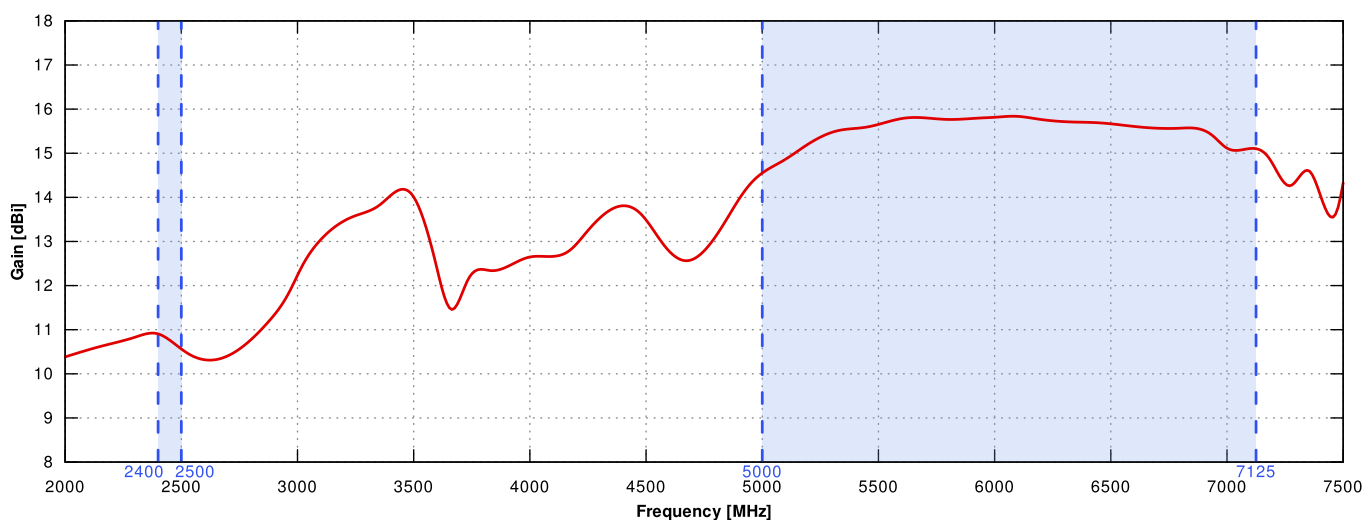
<b>EXTREME NETWORKS</b>	AP 7522, AP 7522E, AP122X, AP305CX
<b>FORTINET</b>	FAP-233G, FAP-U432F
<b>HUAWEI</b>	AP4051DN, AP4130DN, AP4151DN
<b>MERU</b>	AP1010E
<b>MIKROTIK</b>	L009UiGS-2HaxD-IN, RB922
<b>PEPLINK</b>	AP One Rugged, B One, Balance 20X, BR1 Pro (CAT-20), BR1 Pro CAT-20, BR2 PRO, MAX BR1 Mini 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>ROBUSTEL</b>	EG5100, EG5120, R1520 Global, R1520-4L (S), R1520-4L (V), R2010, R2011, R201x, R5020, R5020 Lite
<b>SIERRA WIRELESS</b>	AirLink RV55, AirLink RX55
<b>TELTONIKA</b>	RUT900, RUT901, RUT950, RUT951, RUT955, RUT956, RUTX10, RUTX11, RUTX12, RUTX50
<b>WAVETEL</b>	W240 4G/LTE, W2400 LTE , W3600 4G/LTE Dual WAN, WNR320 5G, WNR340 5G, WNR5601 5G
<b>WLINK</b>	ER120, G200, G230, G530, G530
<b>ZYXEL</b>	NWA55AXE
<b>OTHER</b>	2 * RPSMA

# **PLOTS**

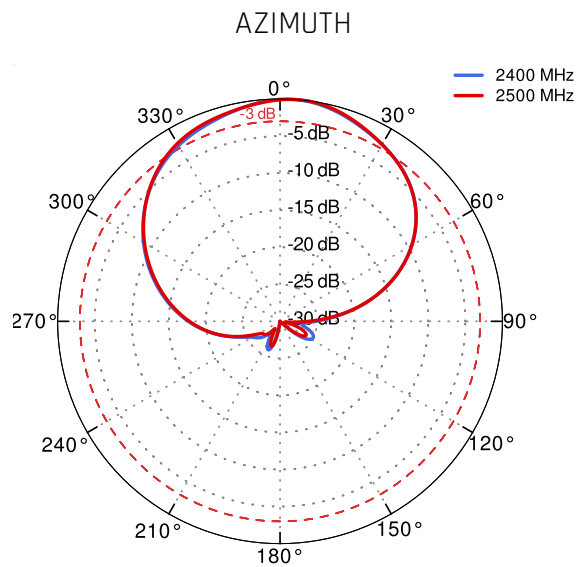
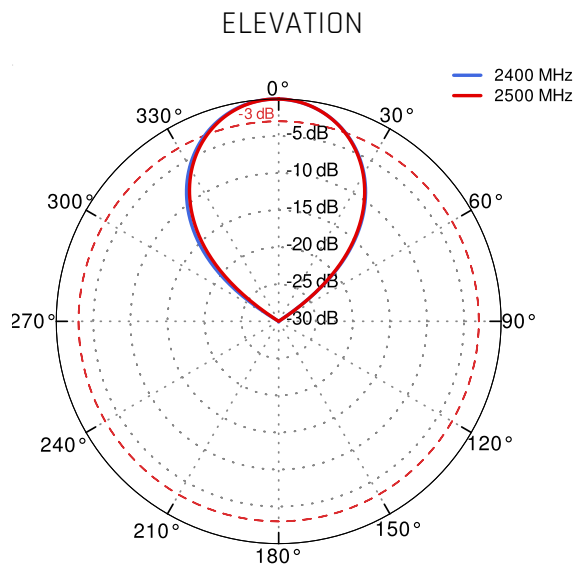
VSWR



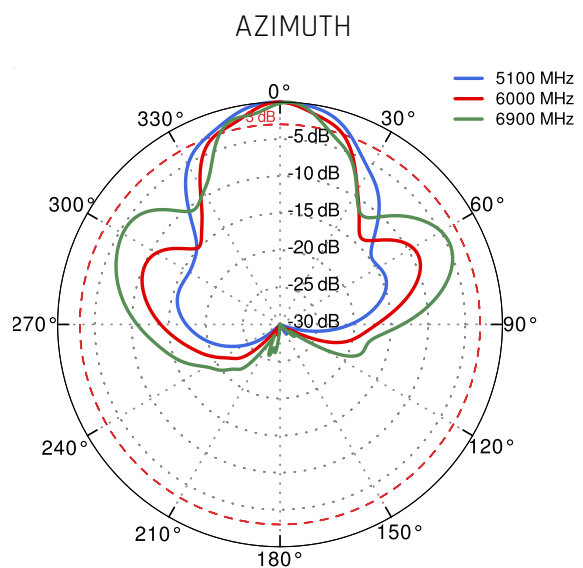
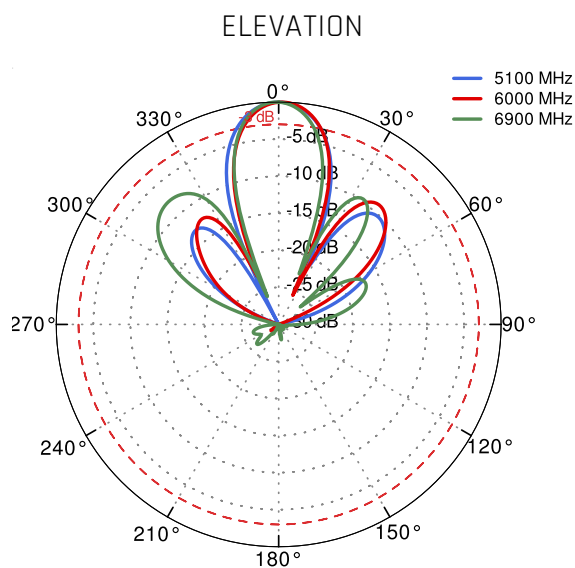
Gain



## 2.4GHz to 2.5GHz



## 5.1GHz to 6.9GHz



## DIMENSIONS

