

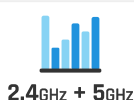
# QuSector 12HV-30-2 Nf

QuSector 12HV-30-2 offers a 30 degrees, 12dBi gain signal with two 2.4GHz+5GHz connectors. It is a perfect indoor and outdoor device for industrial installations.

**-End of Life-** QuSector 12HV-30-2 is a dual band, concurrent, H&V polarity, MIMO 2x2 panel antenna. Two connectors operate at 2.4GHz+5GHz 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 2 integrated Nf connectors.

**WE REGRET TO INFORM YOU THAT THE PRODUCT HAS REACHED ITS END OF LIFE (EOL). A NEWER AND BETTER VERSION IS NOW OUT. CHECK IT OUT HERE: [QuSector 14HV-30-2 Wi-Fi 6e NF](#)**

**END OF LIFE**



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 5.1 - 5.9GHz
GAIN	12 dBi
VSWR	< 2.00
BEAMWIDTH	35°/35°
POLARIZATION	Horizontal Vertical
IMPEDANCE	50 $\Omega$
SEPARATION BETWEEN CONNECTORS	>25dB
FRONT-TO-BACK	> 20dB > 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 - 60mm 0.98-2.36 inch
MATERIAL	Polyamide with fiberglass + galvanized steel U-Bolts
MOUNTING PLACE	Wall or ceiling or mast

## COMPATIBLE ROUTERS

VARIANT: S12HV.30.2NF

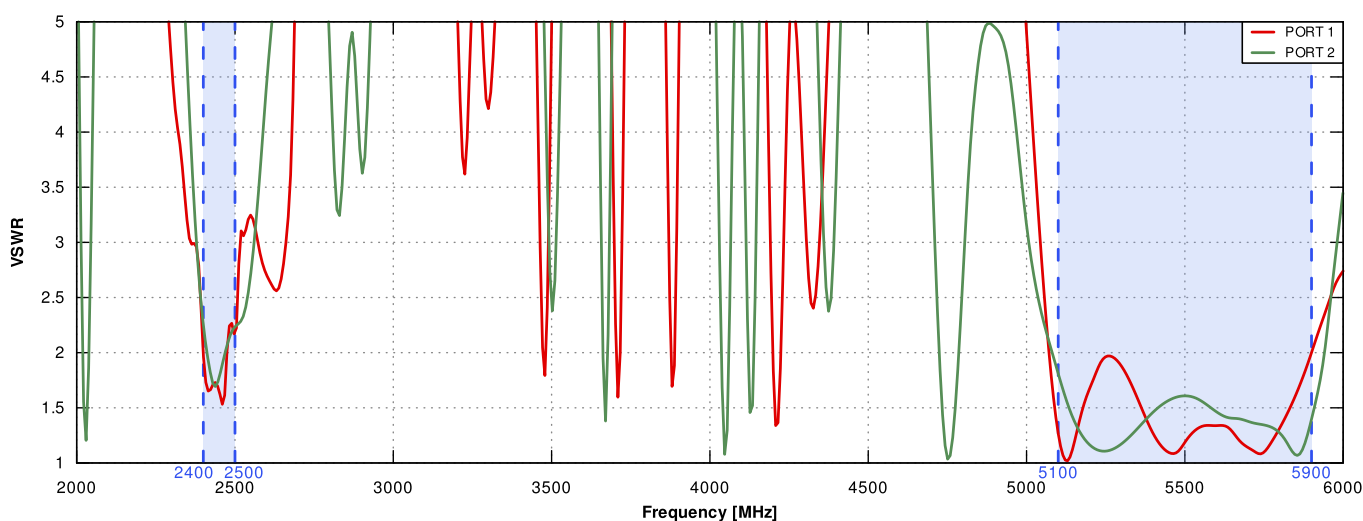
TELTONIKA	RUT900, RUT901, RUT950, RUT951, RUT955, RUT956, RUTM10, RUTM11, RUTM51, RUTM54, RUTX10, RUTX11, RUTX12, RUTX50
ROBUSTEL	EG5100, EG5120, EG5200, R1520 Global, R1520-4L (S), R1520-4L (V), R2010, R2011, R201x, R5020, R5020 Lite
RAJANT	BreadCrumb ES1-2450IS, BreadCrumb ES1-2450CS, BreadCrumb LX5-2255A, 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
ANYBUS	Wireless Router WLAN, WLAN Access Point IP30, WLAN Access Point IP67

<b>ARUBA</b>	AP-204, AP-504, IAP-204, RAP-108
<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>CRADLEPOINT</b>	E300, IBR600C, IBR900, R1900, R500, R920, S700, W4005
<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>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

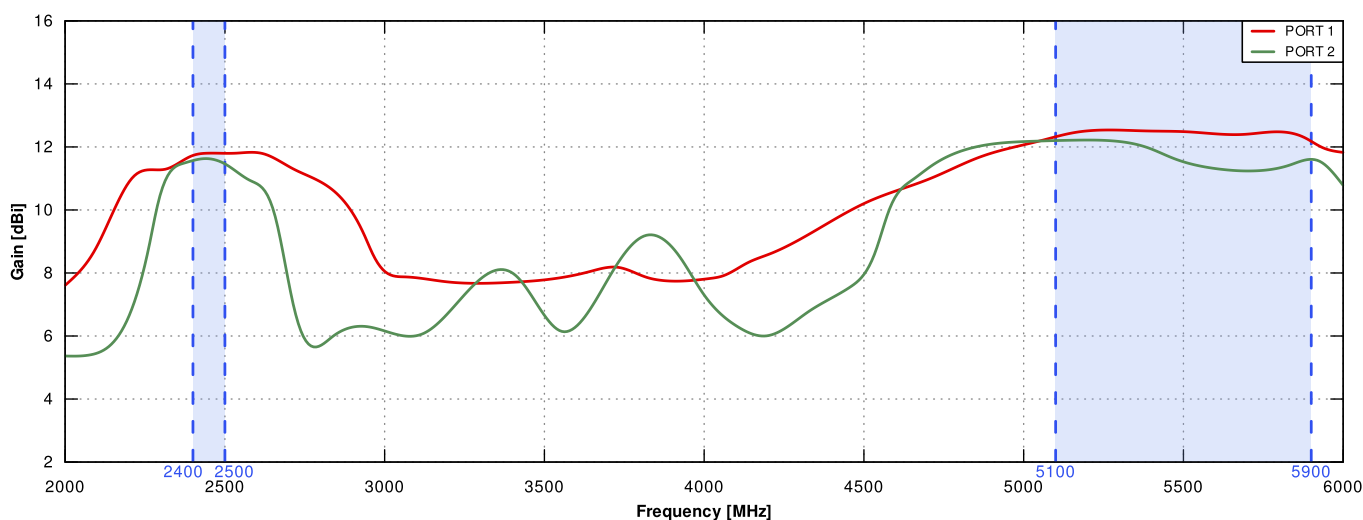
<b>PROROUTE</b>	H685 LTE 4G CAT6 Router, H685 WRT M2M 5G Router, H900 5G Router
<b>RAJANT</b>	BreadCrumb ES1-2450IS, BreadCrumb ES1-2450CS, BreadCrumb LX5-2255A, BreadCrumb LX5-2255B, BreadCrumb LX5-2255C, BreadCrumb LX5-2295C, BreadCrumb LX5-2455D, BreadCrumb LX5-2955C, Hawk BreadCrumb FE1-2450 / FE1-2450A, 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, 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
<b>ZYXEL</b>	LTE3301-PLUS, NWA55AXE
<b>OTHER</b>	2 * N-male, 2 * RPSMA, 2 * RPTNC

## PLOTS

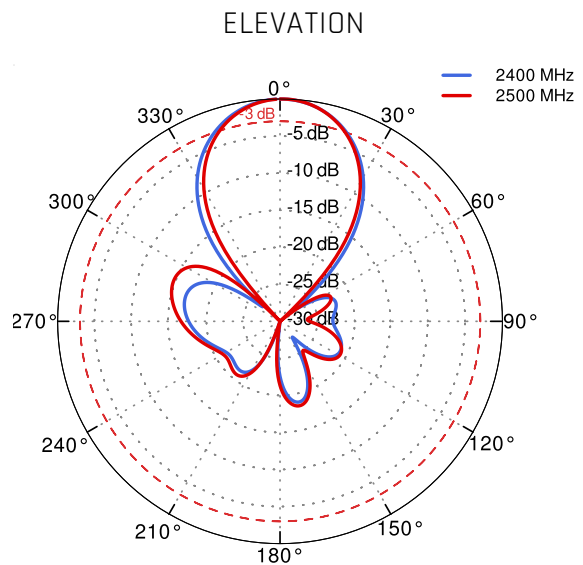
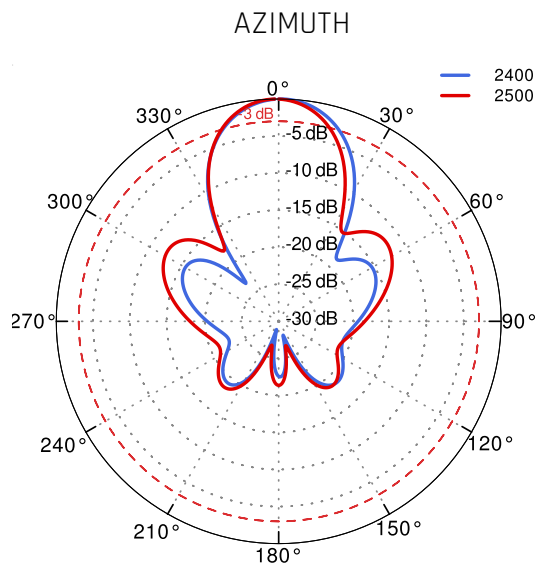
VSWR



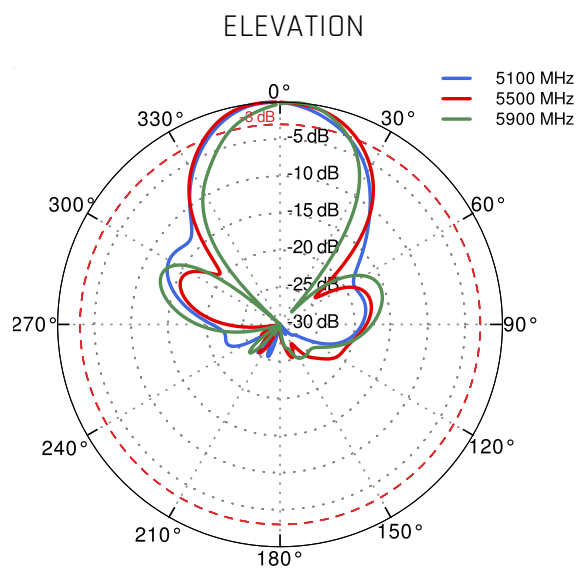
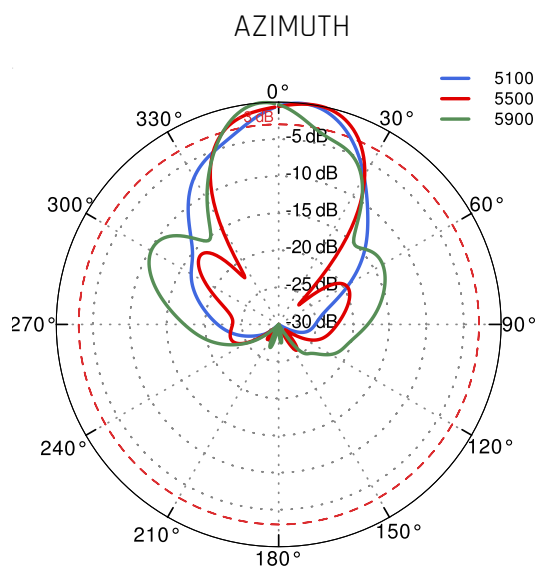
Gain



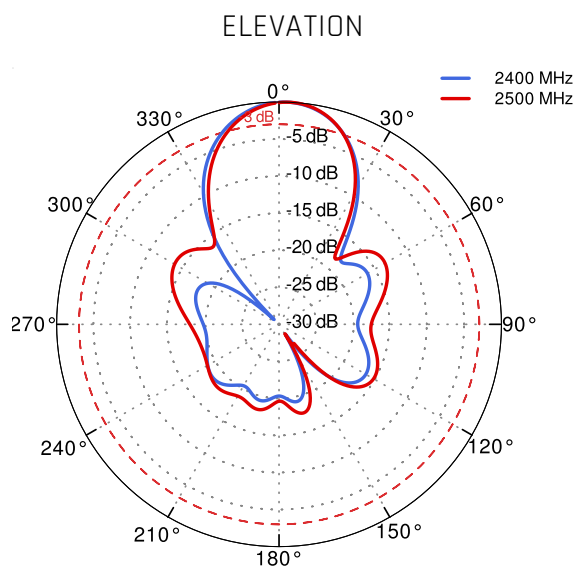
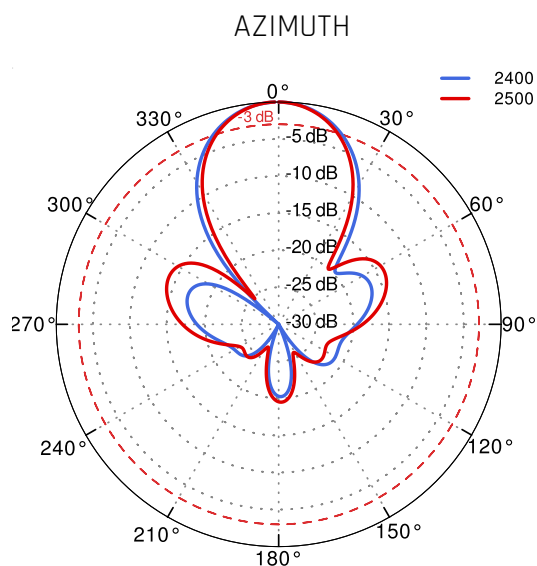
## PORT 1 from 2.4GHz to 2.5GHz



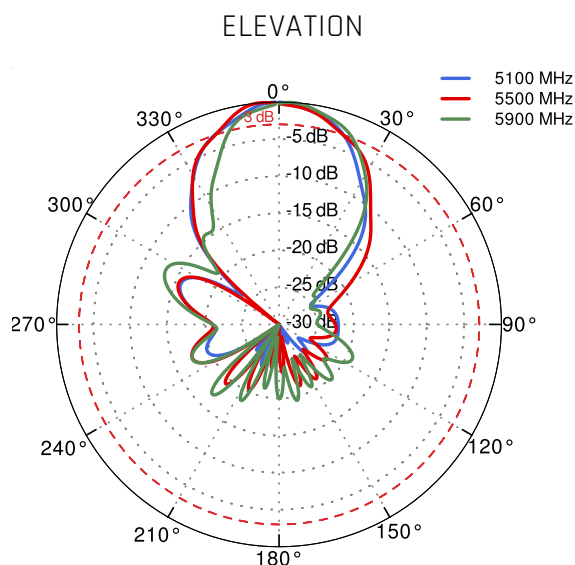
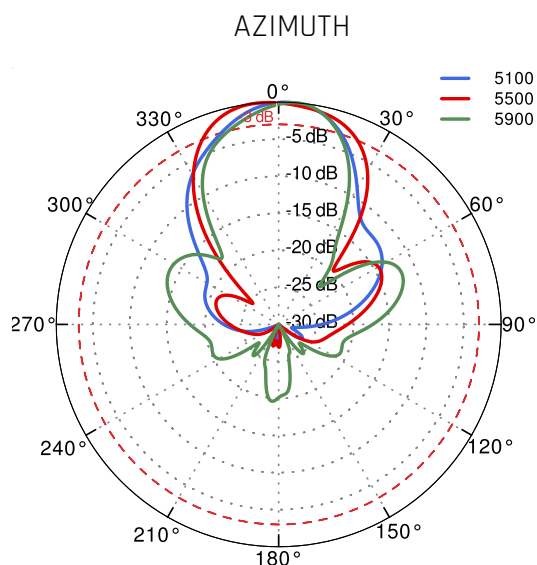
## 5.1GHz to 5.9GHz



## PORT 2 from 2.4GHz to 2.5GHz



## 5.1GHz to 5.9GHz





## DIMENSIONS

