QuSector 17HV-90-2

QuSector 17HV-90-2 offers a 90 degrees, 17dBi gain signal with four dual-band connectors. It is a perfect indoor and outdoor device for industrial installations.

QuSector 17HV-90-2 is a concurrent, dual-band, H&V polarity, MIMO 2x2 panel antenna. It simultaneously operates at 2.4GHz with 14dBi gain and 5GHz with 17dBi gain. Due to its high 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 in three configurations: with 4*70cm (28inch) cables terminated with Nm, RPSMA or RPTNC connectors.
QuSector 17HV-90-2 was designed to be a perfect match for your access point.

Wi Fi DUALBAND | 2.4GHz + 5GHz | 17 dBi | DIRECTIONAL | IP 67 | -40° TO +80° | 2x2 MIMO



WI-FI SPECIFICATION

FREQUENCY	2.4 - 2.5GHz 5.1 - 5.9GHz
GAIN	14 dBi 17 dBi
VSWR	< 1.80
BEAMWIDTH	90°/16° 90°/8°
POLARIZATION	Horizontal Vertical
IMPEDANCE	50 Ω
SEPARATION BETWEEN CONNECTORS	>30 dB
FRONT-TO-BACK	> 23dB >20dB
MAX INPUT POWER	50W
DC GROUND	Yes

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MECHANICAL SPECIFICATION

MATERIAL	ASA
CONNECTOR	2xRPSMA/2xNM/2xRPTNC
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
MOUNTING PLACE	Wall or ceiling or mast

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COMPATIBLE ROUTERS

VARIANT: S17HV.90.2RS

TELTONIKA	RUT900, RUT901, RUT950, RUT951, RUT951 PoE+, RUT955, RUT956, RUT976, RUT981, RUT986, RUTM10, RUTM11, RUTM16, RUTM30, RUTM31, RUTM51, RUTM52, RUTM54, RUTM55, RUTM56, RUTX10, RUTX11, RUTX12, RUTX50
ROBUSTEL	EG5100, EG5120, R1520 Global, R1520-4L (S), R1520-4L (V), R2010, R2011, R201x, R5020, R5020 Lite, R5030
ACKSYS	AirBox LTE, AirBox/10, AirLink, AirWan, AirXroad, AirXroad/4P
ADVANTECH	EKI-1361(-MB) EKI-1362, EKI-6233BN, EKI-6333AC-2GD
ANYBUS	Wireless Router WLAN
ARUBA	AP-204, AP-504, IAP-204, RAP-108
D-LINK	DAP-1665, DAP-2020, DAP-2310, DAP-2360, DIS-2650AP, DWL-8720AP, N300 4G
DIGI	TX54 LTE-Advanced
ENGENIUS	ENS500EXT
ERICSSON (CRADLEPOINT)	IBR600C, IBR900, R1900, R920, R980, S700
EXTREME NETWORKS	AP 7522, AP 7522E, AP122X, AP305CX
FORTINET	FAP-233G, FAP-U432F
HUAWEI	AP4051DN, AP4130DN, AP4151DN
INHAND	IR315
MERU	AP1010E

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MIKROTIK	L009UiGS-2HaxD-IN, RB922
MOXA	AWK-1131A Series, AWK-1137C Series, AWK-1151C Series, AWK-3131A Series, AWK-3252A Series
PEPLINK	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
PERLE	IOLAN SCG W Secure Console Server, IOLAN SCG WM Secure Console Server, IOLAN SDG W Serial Device Servers, IRG5520, IRG5521, IRG5541
ROBUSTEL	EG5100, EG5120, R1520 Global, R1520-4L (S), R1520-4L (V), R2010, R2011, R201x, R5020, R5020 Lite, R5030
SEMTECH (SIERRA WIRELESS)	AirLink RV55, AirLink RX55, AirLink XR60
TELTONIKA	RUT900, RUT901, RUT950, RUT951, RUT951 PoE+, RUT955, RUT956, RUT976, RUT981, RUT986, RUTM10, RUTM11, RUTM16, RUTM30, RUTM31, RUTM51, RUTM52, RUTM54, RUTM55, RUTM56, RUTX10, RUTX11, RUTX12, RUTX50
WAVETEL	W240 4G/LTE, W2400 LTE , W3600 4G/LTE Dual WAN, WNR320 5G, WNR340 5G, WNR5601 5G
WLINK	ER120, G200, G230, G530, G530
ZYXEL	NWA55AXE
OTHER	2 * RPSMA

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VARIANT: S17HV.90.2NM

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	RuggedAir100
ANYBUS	WLAN Access Point IP67
D-LINK	DBA-3621P
EXTREME NETWORKS	AP 3917
MIKROTIK	L11UG-5HaxD
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
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

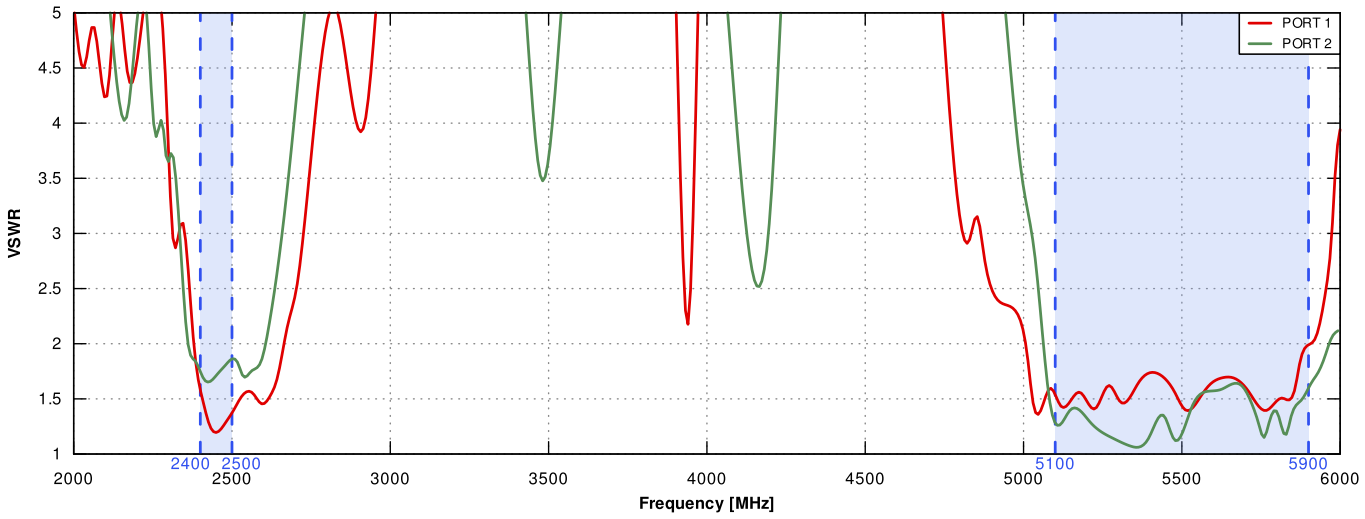
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VARIANT: S17HV.90.2RT

DIGI	WR44 RR
XIRRUS	XR-520H
OTHER	2 * RPTNC

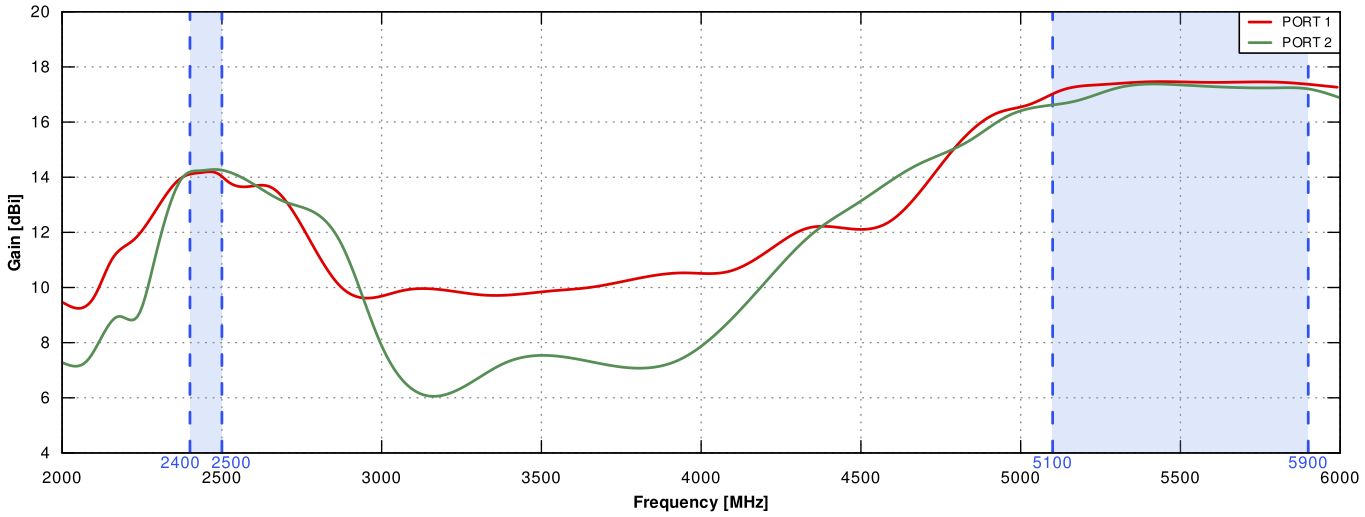
PLOTS

VSWR



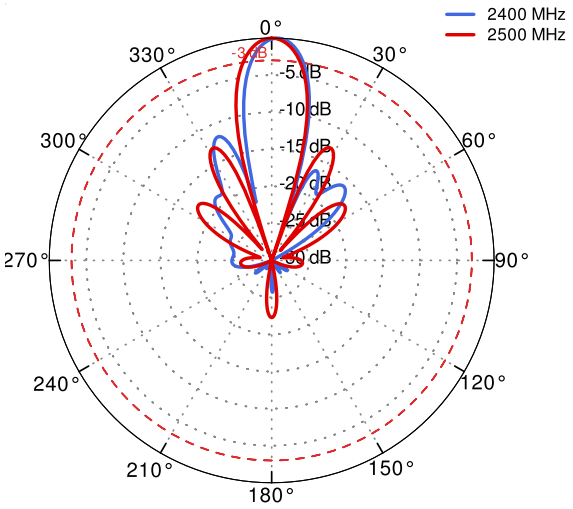
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Gain

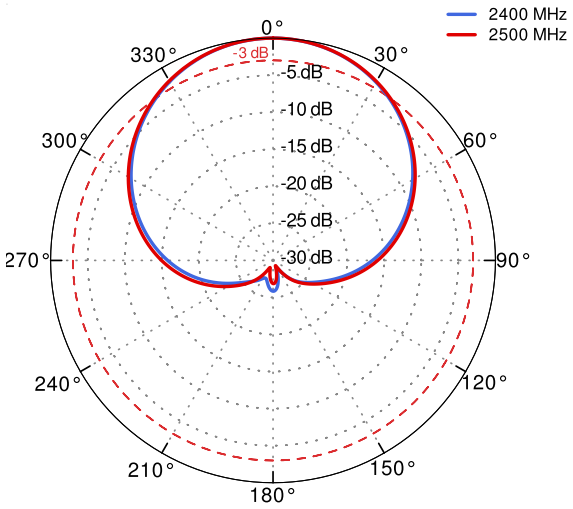


PORT 1 From 2.4GHz to 2.5GHz

ELEVATION



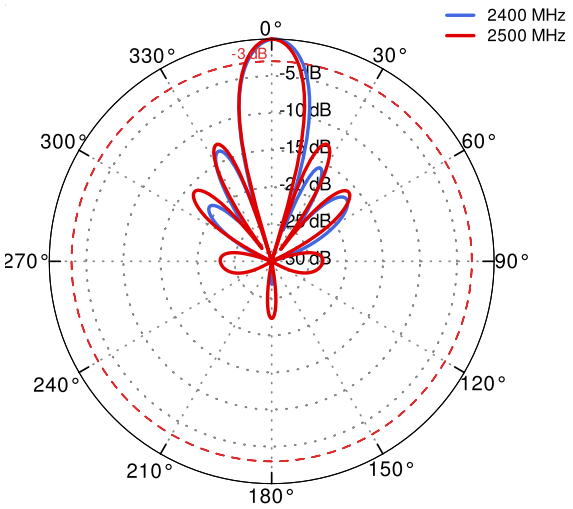
AZIMUTH



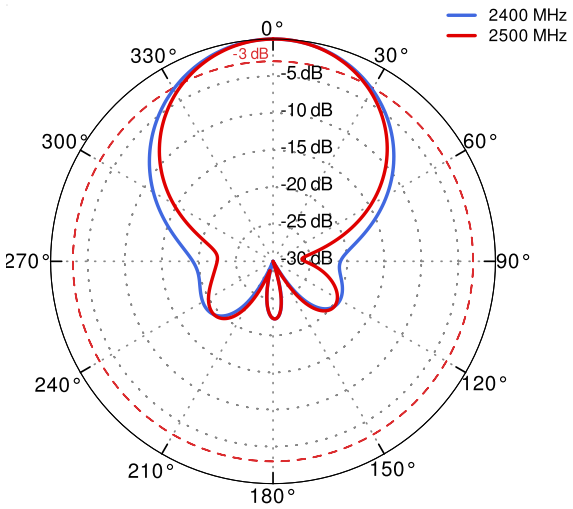
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PORT 2 From 2.4GHz to 2.5GHz

ELEVATION

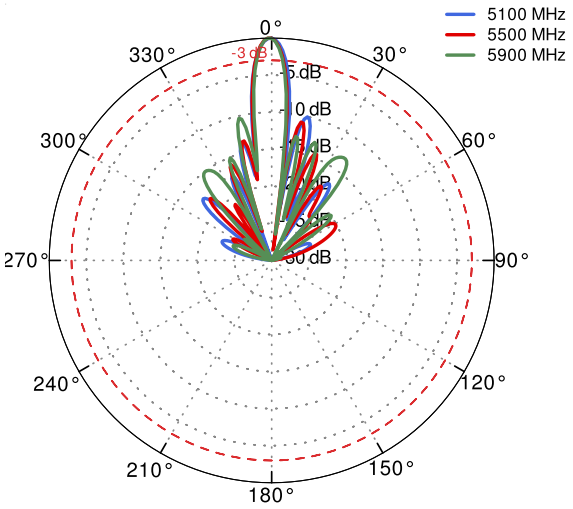


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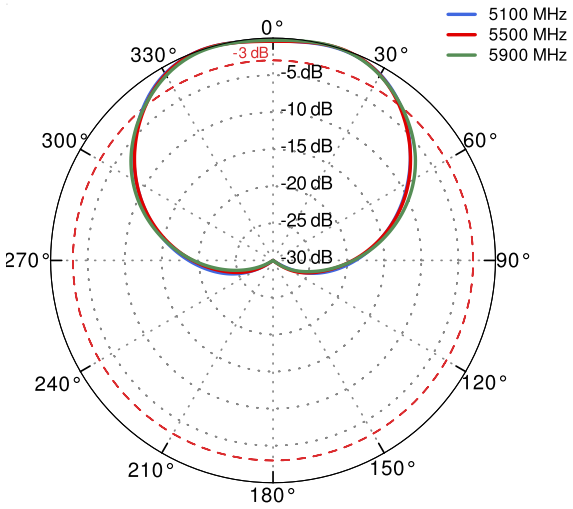


PORT 1 From 5.1GHz to 5.9GHz

ELEVATION



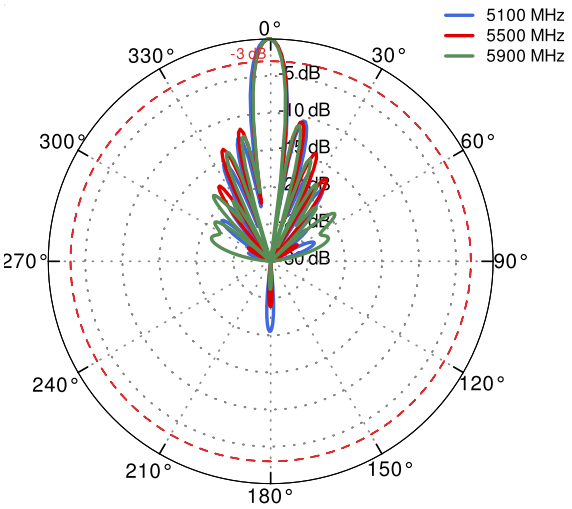
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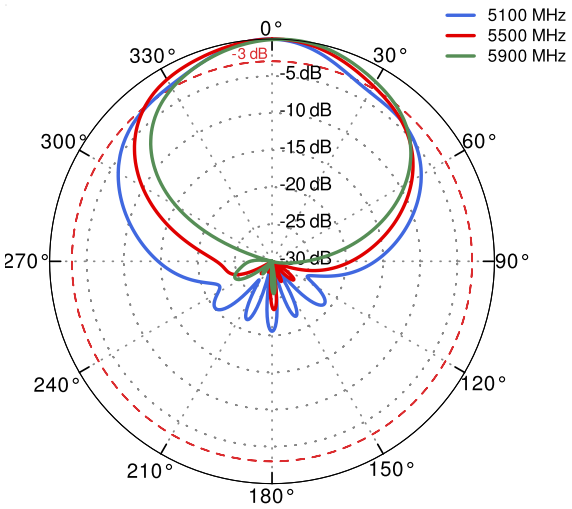
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PORT 2 From 5.1GHz to 5.9GHZ

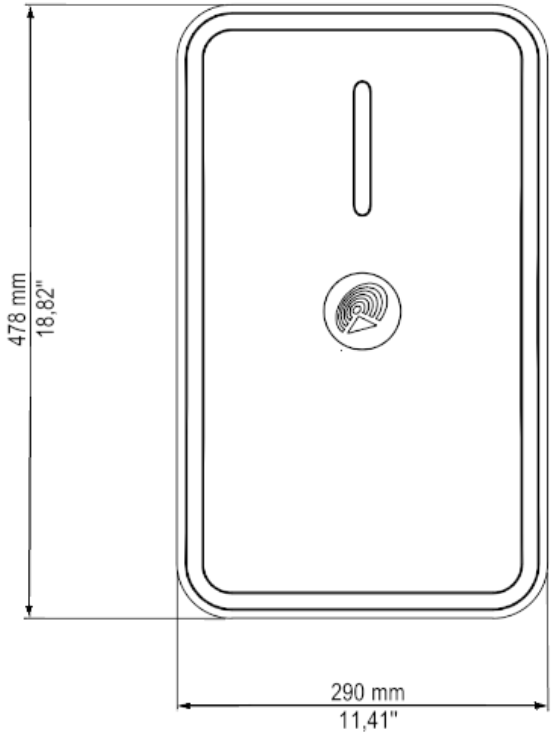
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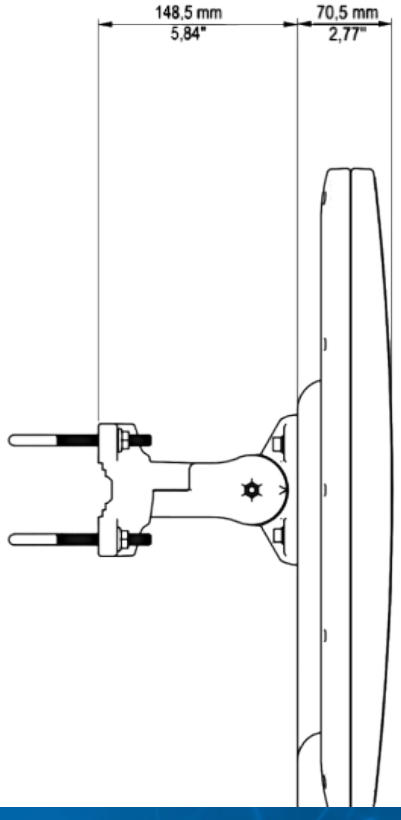


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DIMENSIONS





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