QuSector 9HV-65-6 Wi-Fi 6E

QuSector 9HV-65-6 offers a 65 degrees, 8dBi (2.4GHz) & 9dBi (5GHz+7GHz) gain signal. It is a perfect indoor and outdoor device for industrial installations.

QuSector 9HV-65-6 Wi-Fi 6E is a concurrent triple band, H&V polarity, panel antenna. It simultaneously operates at **2.4GHz with 8dBi** gain and at **5GHz+7GHz with 9dBi 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. It is a futureproof solution with **Wi-Fi 6E** and **Wi-Fi 7** support. High quality injection moulded enclosure allows to implement it alongside with indoor and IP68 outdoor solutions. Wide frequency range (2.4-2.5GHz & 5.0-7.125GHz) helps to find suitable frequency for the most effective operation. It is designed to be applied mainly to special access points working in the systems where two bands (frequencies) are diplexed for one antenna connector. The antenna comes in four configurations: with 6*70cm (28inch) cables terminated with Nm, RPSMA, RPTNC connectors. QuSector 9HV-65-6 was designed to be a perfect match for your access point.

Wi Fi 6E | 2.4GHz + 5GHz 6GHz + 7GHz | 9 dBi | DIRECTIONAL | IP 68 | -40° TO +80°



WI-FI SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5.0 - 7.125 GHz
GAIN	2.4 - 2.5 GHz: 8 dBi 5.0 - 7.125: 9 dBi
VSWR	< 2.00
BEAMWIDTH	2.4 - 2.5 GHz: 70°/70° 5.0 - 7.125: 60°/60°
POLARIZATION	Horizontal Vertical
IMPEDANCE	50 Ω
SEPARATION BETWEEN CONNECTORS	> 33dB
FRONT-TO-BACK	2.4 - 2.5 GHz: 20dB 5.0 - 7.125 GHz: 25dB
MAX INPUT POWER	50W
DC GROUND	Yes

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MECHANICAL SPECIFICATION

MATERIAL	ASA
CONNECTOR	6xRPSMA/6xNM/6xRPTNC
OUTER DIMENSIONS	16.5 x 16.5 x 4.5 cm 6.5 x 6.5 x 1.77 inch
WEIGHT	0.9 kg
OPERATING TEMPERATURE	-40°C to +80°C -40°F to 176°F

MOUNTING KIT

MATERIAL	Galvanized steel
WEIGHT	0.3 kg
MOUNTING PLACE	Mast
MAST DIAMETER	25-66mm 0.98-2.60 inch

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COMPATIBLE ROUTERS

VARIANT: S9HV.65.6RT

VARIANT: S9HV.65.6RS

ACKSYS	AirBox/12
ADTRAN	Bluesocket 1935, Bluesocket 2035
AEROHIVE NETWORKS	AP245X
ARISTA	C-130E, C-230E
ARUBA	AP-228, AP-318, AP-518
D-LINK	DAP-2695
EXTREME NETWORKS	AP410e
FORTINET	AP832E, FAP-243K, FAP-U323EV
HUAWEI	AP7110DN-AGN
JUNIPER NETWORKS	AP43E
XIRRUS	XA4-240

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VARIANT: S9HV.65.6NM

ACKSYS	RailTrack
ADTRAN	Bluesocket 1940
ALCATEL-LUCENT	Stellar AP1362
ARISTA	O-235E
ARUBA	AP-274, IAP-274
CISCO	AIR-CAP1552EU, AIR-CAP1552H, AIR-CAP1552WU, Catalyst 9124AXE
ENGENIUS	EWS860AP
EXTREME NETWORKS	AP 3865E, AP 7562
FORTINET	FAP-432F, FAP-432FR, FAP-S322C, FAP-S322CR, OAP832E
HUAWEI	AP8130DN, AP8130DN-W
JUNIPER NETWORKS	AP63E
MIST	AP63E
SIEMENS	6GK5788-2GD00-0AA0, 6GK5788-2GD00-0AB0, 6GK5788-2GD00-0TA0, 6GK5788-2GD00-0TB0
ZYXEL	WAX655E (AX5400)

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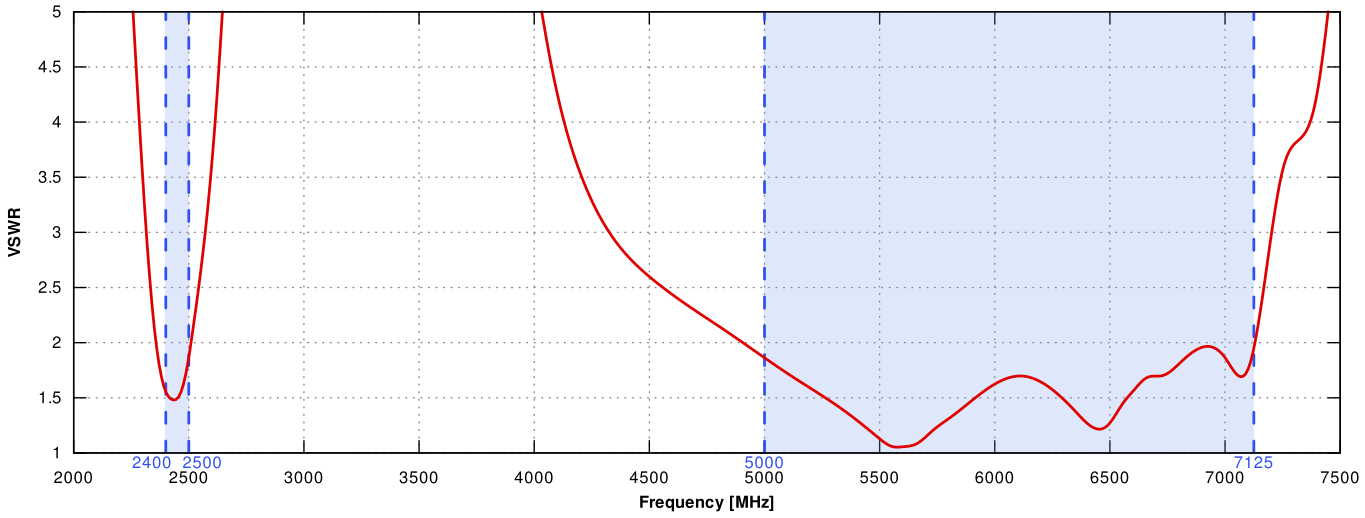
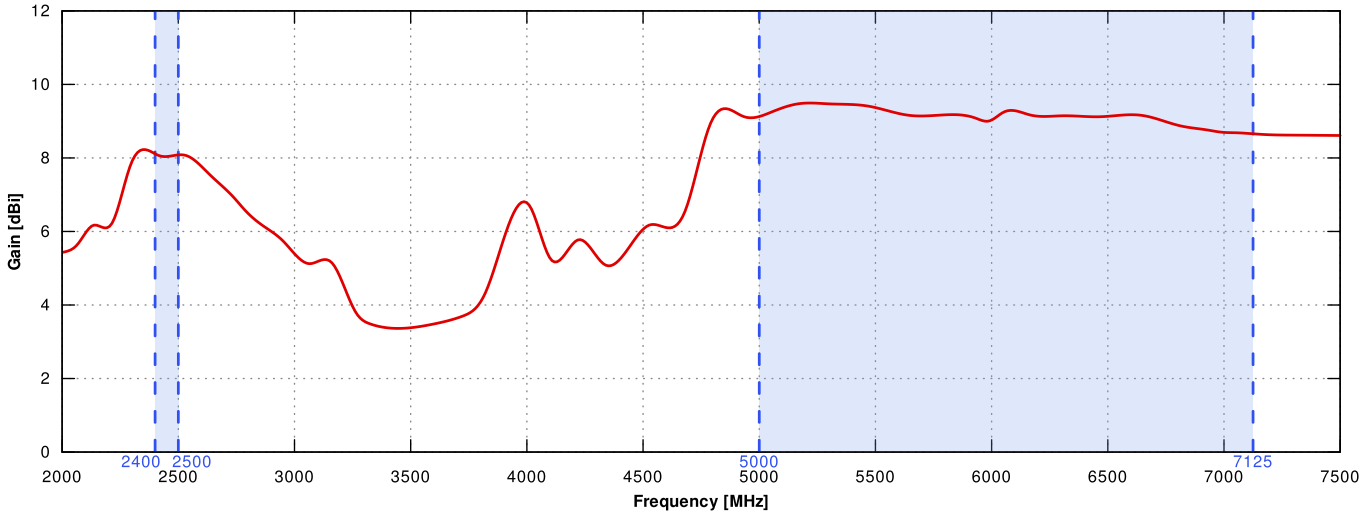
PLOTS

VSWR



Gain



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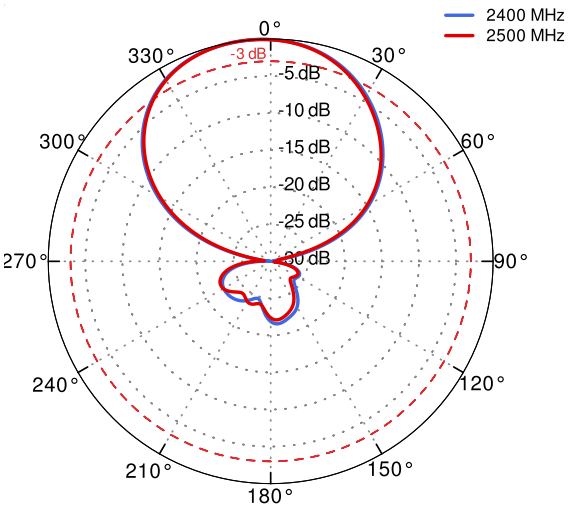
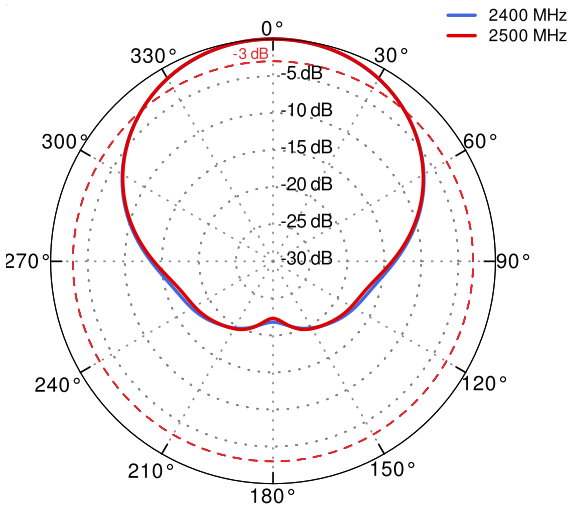
2.4GHz to 2.5GHz

PORT 1&3&5 ELEVATION

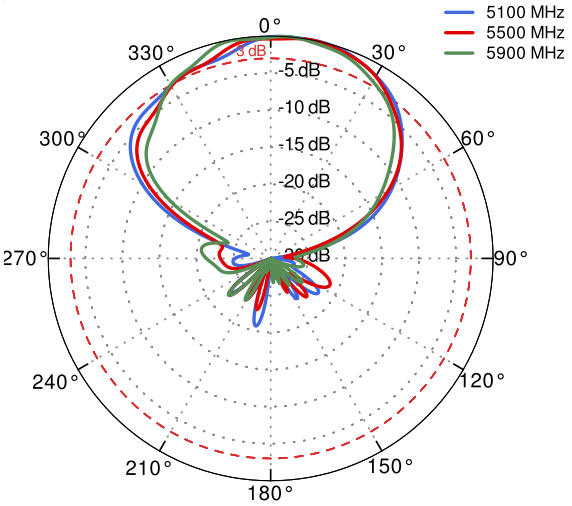


PORT 1&3&5 AZIMUTH



5.1GHz to 6.9GHz

PORT 1&3&5 ELEVATION



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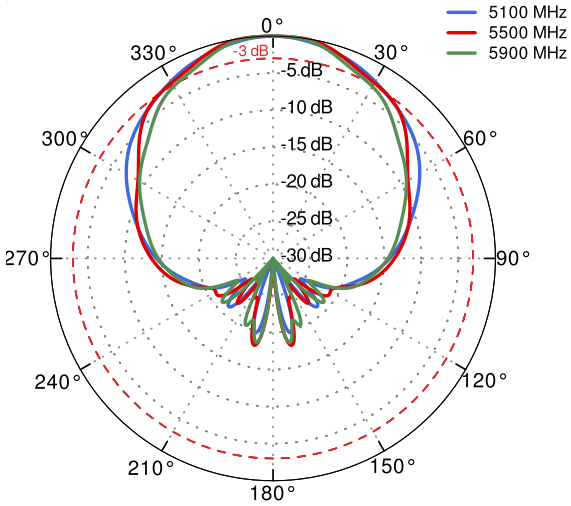

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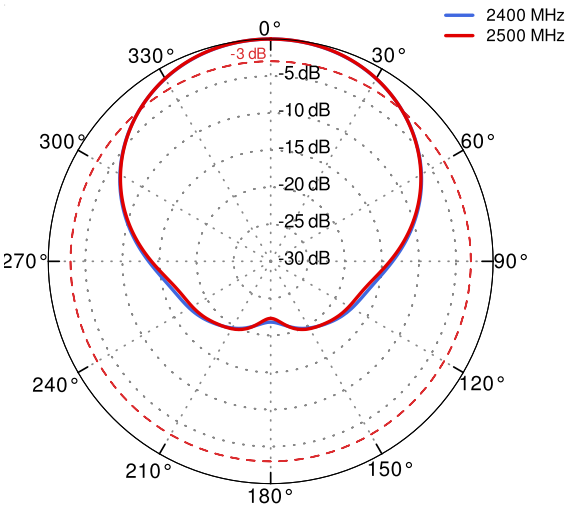
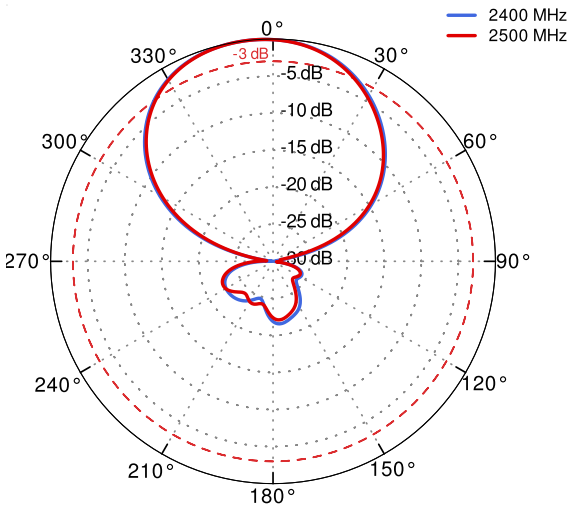
2.4GHz to 2.5GHz

PORT 2&4&6 ELEVATION

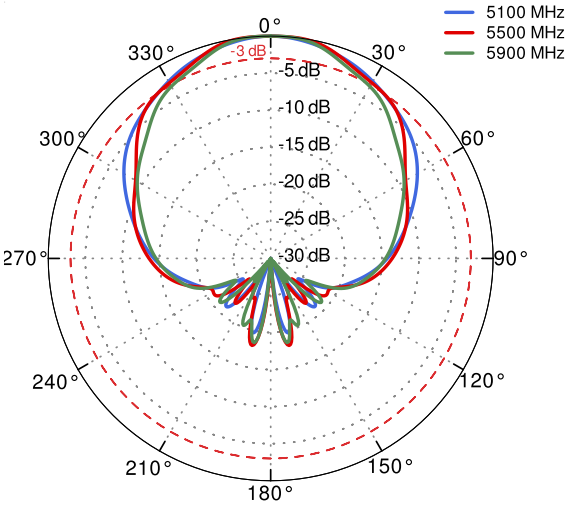


PORT 2&4&6 AZIMUTH

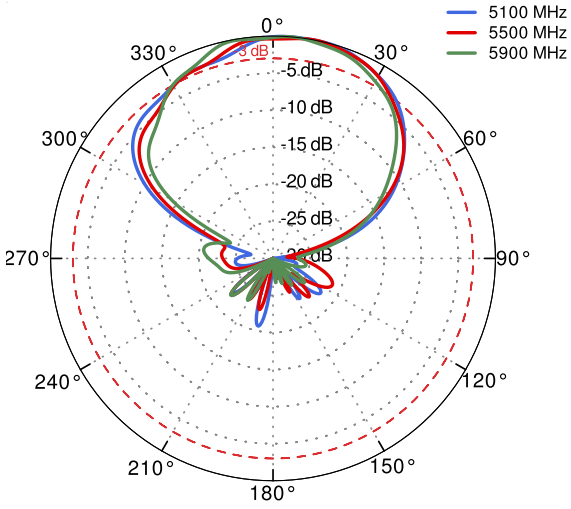


5.1GHz to 6.9GHz

PORT 2&4&6 ELEVATION



PORT 2&4&6 AZIMUTH



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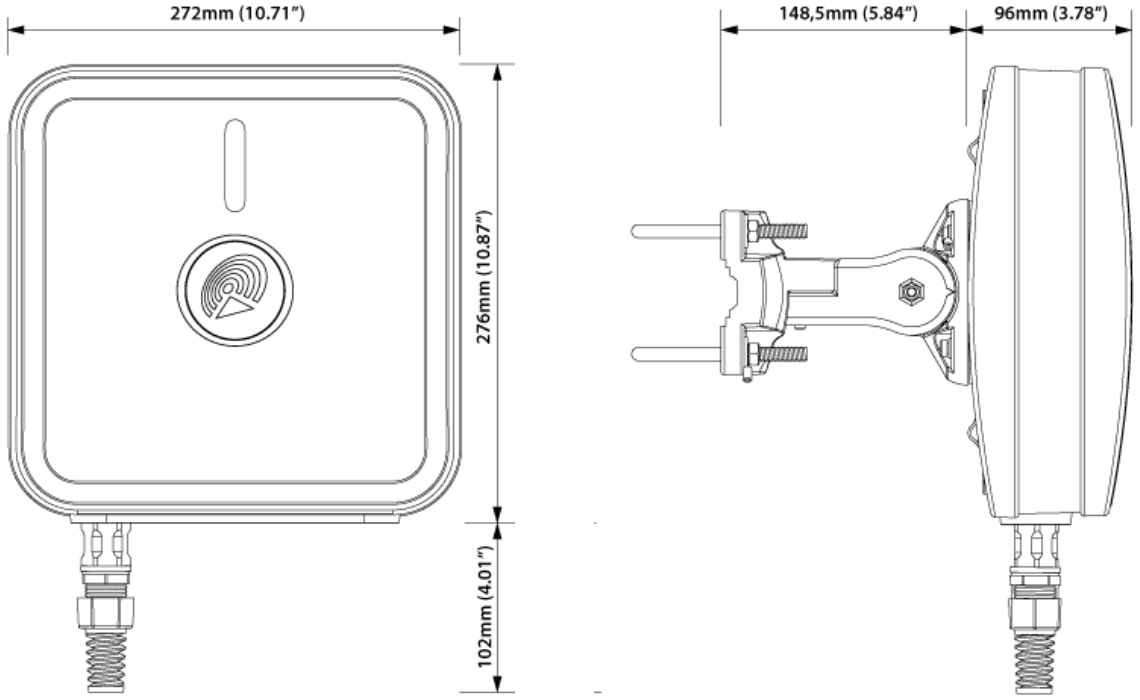
DIMENSIONS



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