QuSector 7V-120-8 Wi-Fi 6E

QuSector 7V-120-8 offers a 120 degrees, 7dBi signal gain. It is a perfect indoor and outdoor device for industrial installations. Wi-Fi 6E support!

QuSector 7V-120-8 is a concurrent triple band, Vertical polarity, panel antenna with 8 connectors. It operates at 2.4GHz, 5GHz and 7GHz simultaneously with 7dBi gain. It is a futureproof solution with Wi-Fi 6E support.
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 is characterized by a wide range of applications: from indoor through mobile devices to the outdoor (IP68) ones. 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 8*70cm (28inch) cables terminated with Nm, RPSMA, RPTNC connectors.

Wi Fi 6E | 2.4GHz + 5GHz 6GHz + 7GHz | 7 dBi | DIRECTIONAL | IP 68 | -40° TO +80° | 8x8 MIMO



WI-FI ANTENNA SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5.0 - 7.125 GHz
GAIN	2.4 - 2.5 GHz: 7 dBi 5.0 - 7.125 GHz: 7 dBi
VSWR	<1.80
BEAMWIDTH	120°/60° 120°/90°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
SEPARATION BETWEEN CONNECTORS	>30dB
FRONT-TO-BACK	20dB
MAX INPUT POWER	50W
DC GROUND	Yes

MOUNTING KIT

MATERIAL	Galvanized
WEIGHT	0.87 kg
MOUNTING PLACE	Mast
MAST DIAMETER	25-66mm 0.98-2.60 inch

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MECHANICAL SPECIFICATION

MATERIAL	ABS
CONNECTOR	8xRPSMA/8xNM/8xRPTNC
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

COMPATIBLE ROUTERS

VARIANT: S7V.120.8RS

ACKSYS	AirBox/12
ADTRAN	Bluesocket 3045
AEROHIVE NETWORKS	AP510CX, AP650X
ALCATEL-LUCENT	Stellar AP1232
ARUBA	AP-654, AP-754
ENGENIUS	ECW270, EWS371AP
EXTREME NETWORKS	AP460e, AP510CX, AP510e
FORTINET	FAP-S423E, FAP-U423EV
HUAWEI	AP6760-X1E
XIRRUS	XA4-240, XR-2000H, XR-2425H

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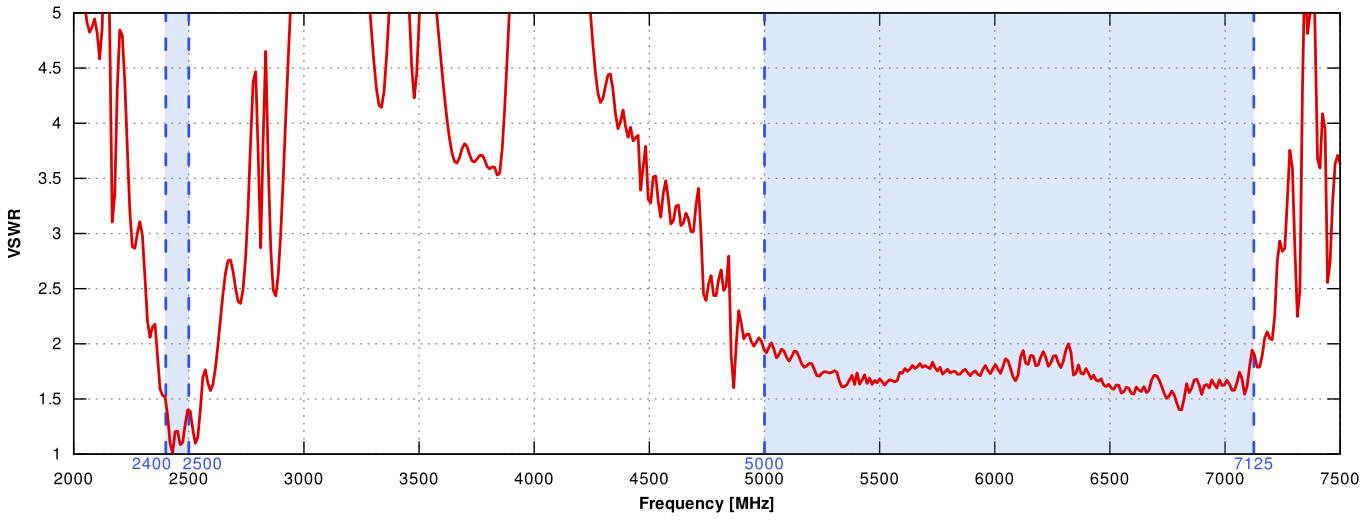
VARIANT: S7V.120.8NM

ACKSYS	RailTrack
CISCO	Catalyst IW9167E
ENGENIUS	EWS871AP
EXTREME NETWORKS	AP 8163
FORTINET	FAP-432G, FAP-S422E, FAP-U422EV
HUAWEI	AP8182DN, AP8760R-X1E
SIEMENS	6GK5788-2GY01-0AA0, 6GK5788-2GY01-0TA0
XIRRUS	XH2-240

VARIANT: S7V.120.8RT

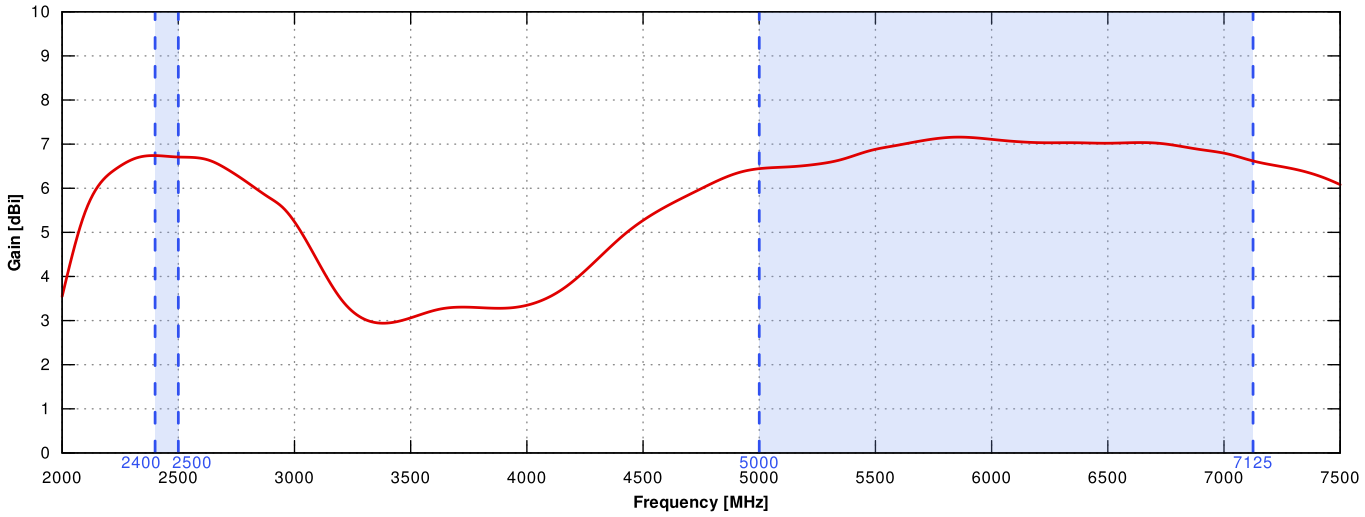
PLOTS

VSWR



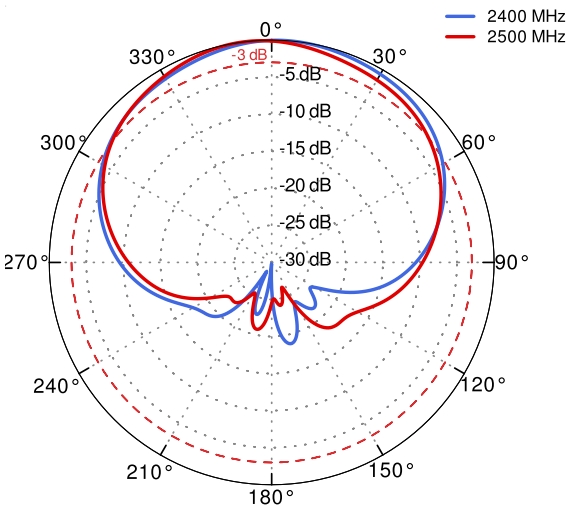
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Gain

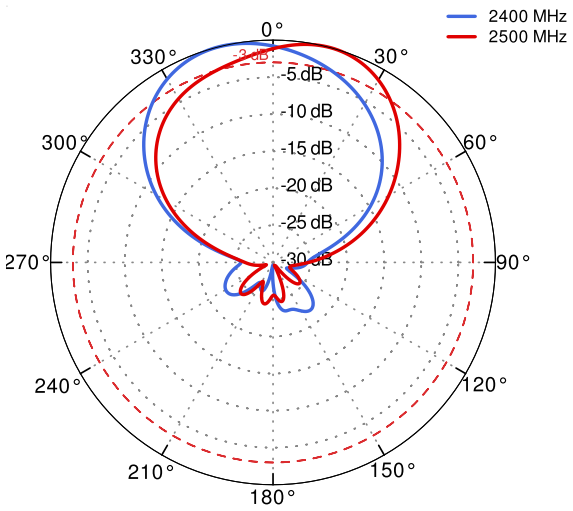


From 2.4GHz to 2.5GHz

AZIMUTH



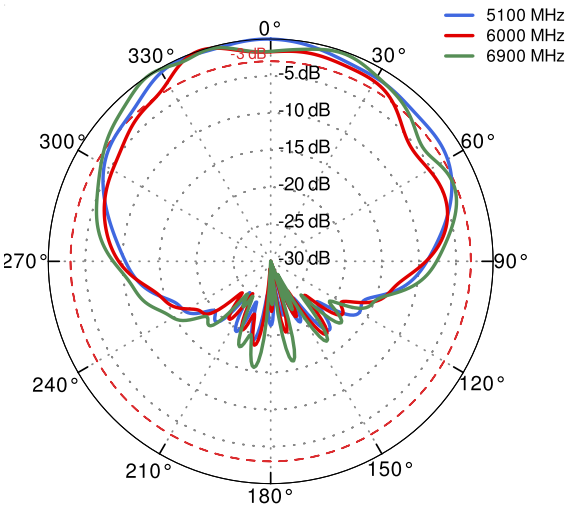
ELEVATION



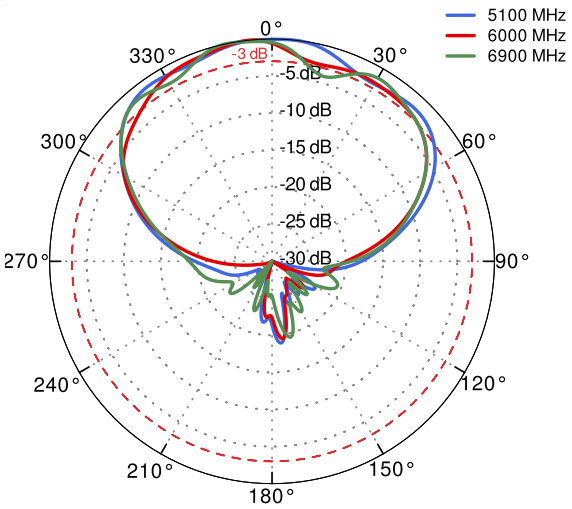
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From 5.1GHz to 6.9GHz

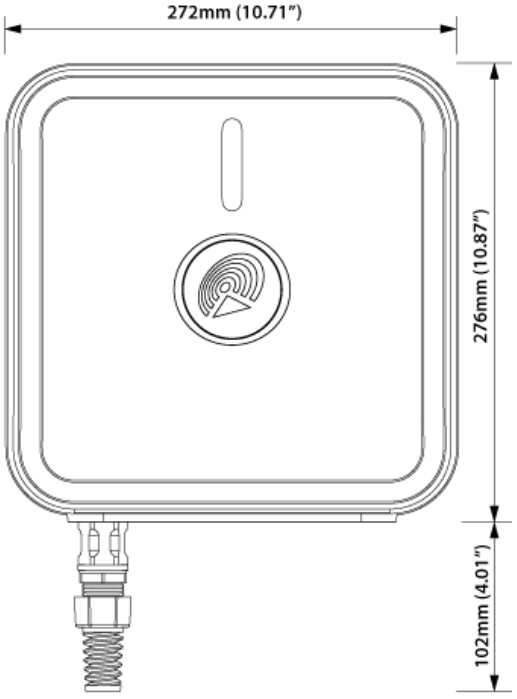
AZIMUTH

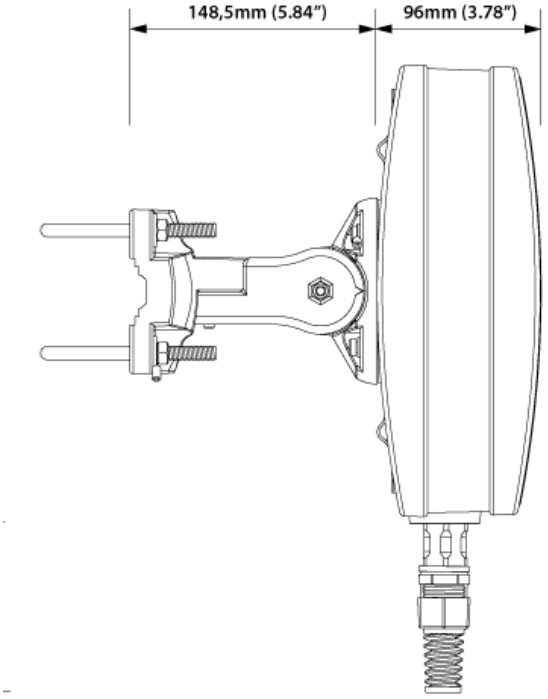


ELEVATION



DIMENSIONS





QuWireless
WWW.QUWIRELESS.COM
Sales email: sales@quwireless.com **Tel:** +48 513 900 416
Support email: support@quwireless.com **Website:** www.quwireless.com
Address: Wireless Instruments Sp. z o.o., ul. Kościuszki 27, 52-116 Iwiny, Poland

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