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

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

QuSector 7V-120-6 is a concurrent triple band, Vertical polarity, panel antenna.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 6*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°

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

Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

MECHANICAL SPECIFICATION

MATERIAL	ASA
CONNECTOR	6xRPSMA/6xNM/6xRPTNC
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.120.6RS

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

Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

XIRRUS	XA4-240

VARIANT: S7V.120.6NM

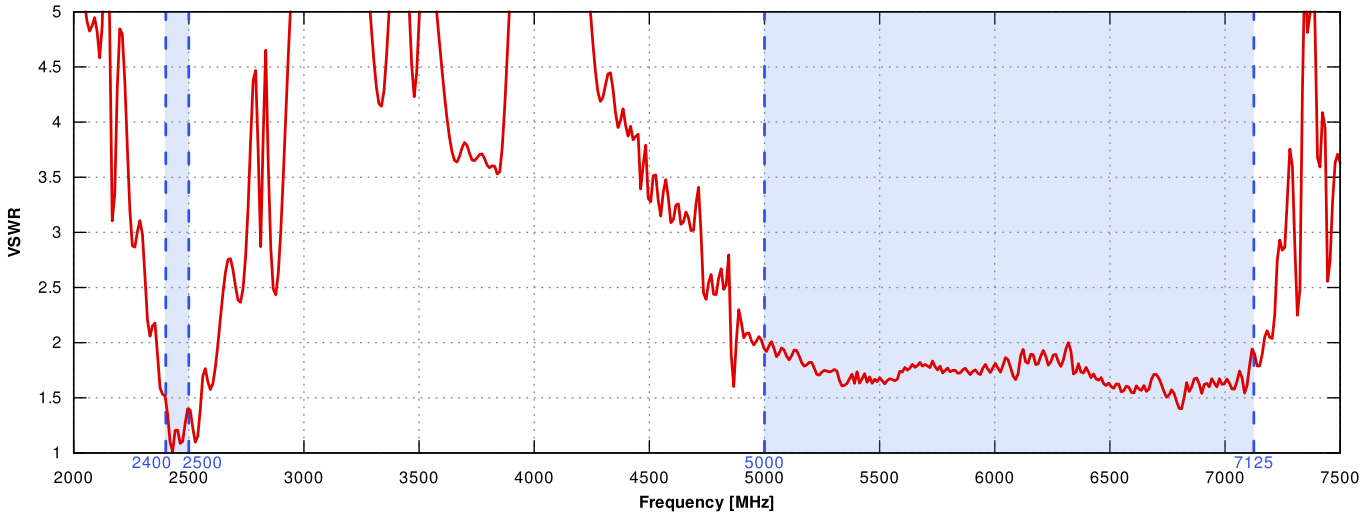
ACKSYS	RailTrack
ADTRAN	Bluesocket 1940
ALCATEL-LUCENT	Stellar AP1362
ARISTA	O-235E
ARUBA	AP-274, IAP-274
CISCO	AIR-CAP1552EU, AIR-CAP1552H, AIR-CAP1552WU, Catalyst 9124AXE
ENGENIUS	EWS860AP
EXTREME NETWORKS	AP 3865E, AP 7562
FORTINET	FAP-432F, FAP-432FR, FAP-S322C, FAP-S322CR, OAP832E
HUAWEI	AP8130DN,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

VARIANT: S7V.120.6RT

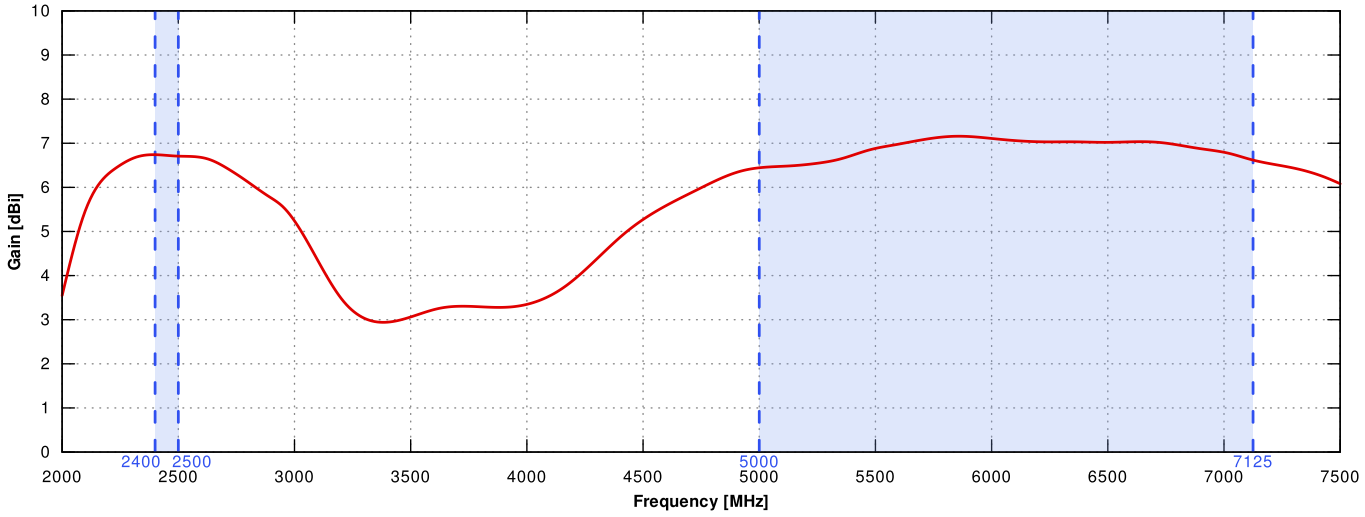
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

PLOTS

VSWR



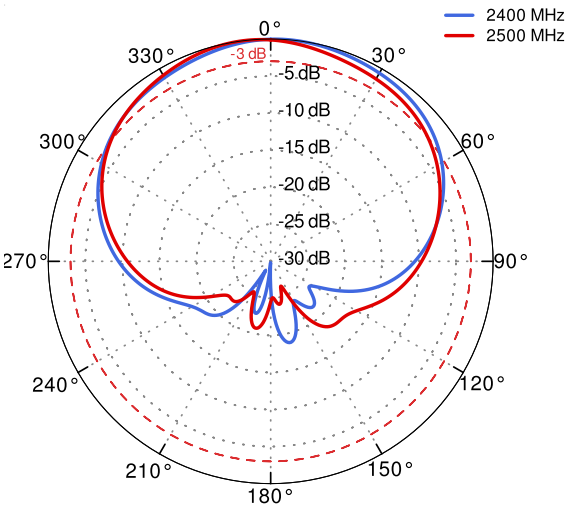
Gain



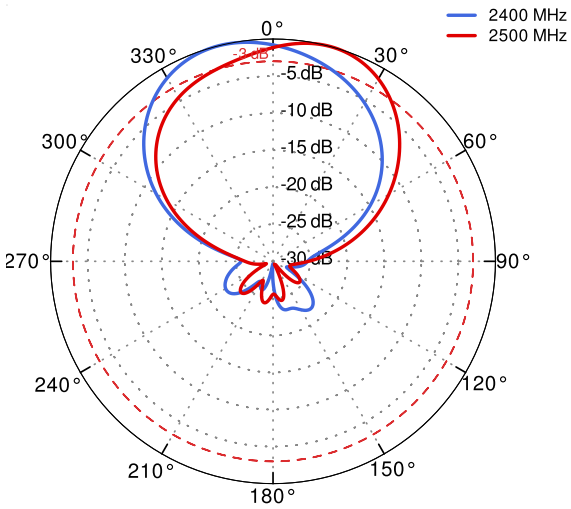
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

From 2.4GHz to 2.5GHz

AZIMUTH

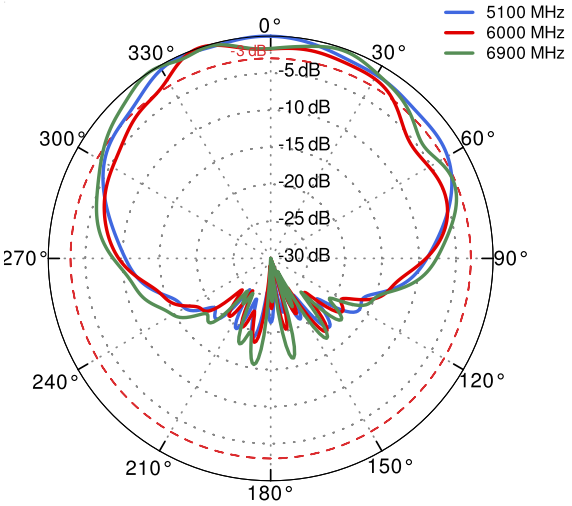


ELEVATION

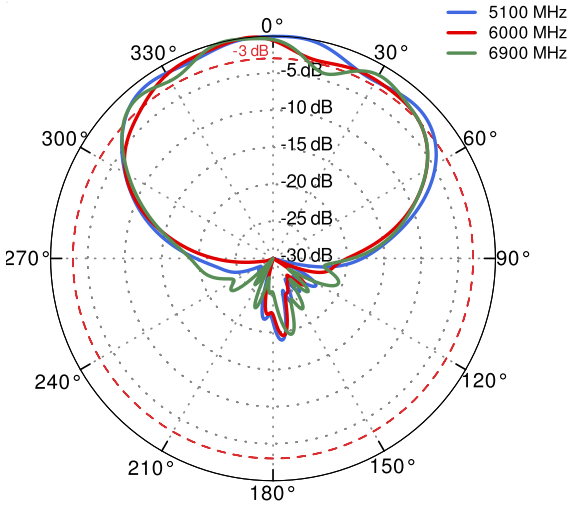


From 5.1GHz to 6.9GHz

AZIMUTH

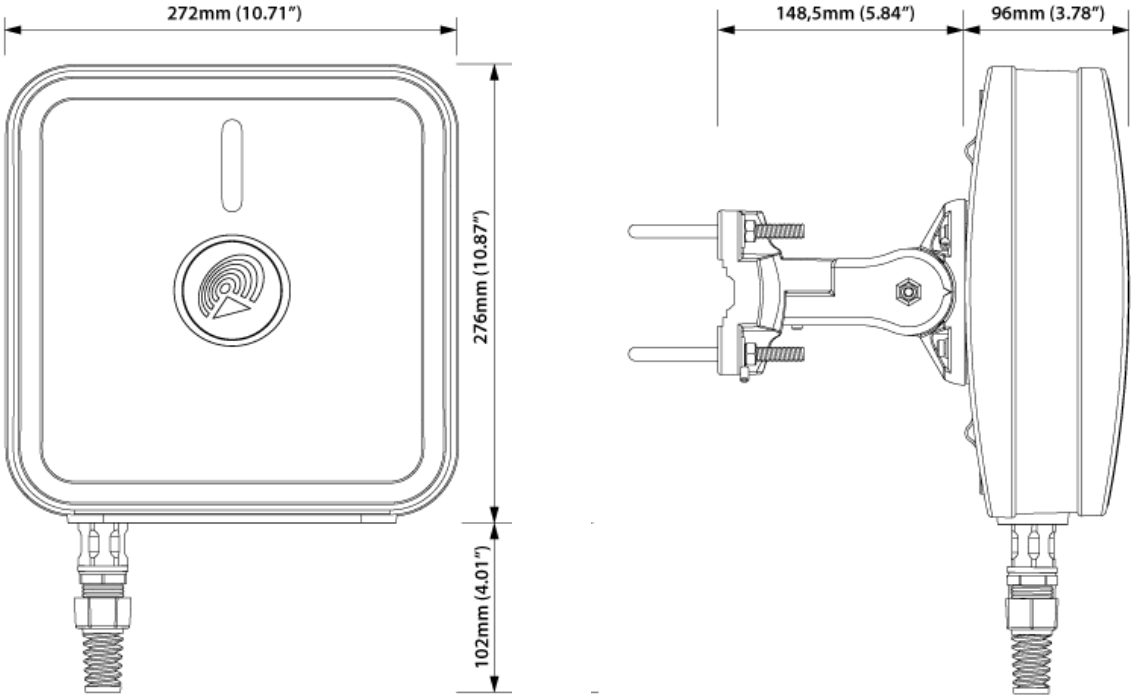


ELEVATION



Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

DIMENSIONS



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

Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.