QuSector 7V-120-4 Wi-Fi 6E

QuSector 7V-120-4 offers a 120 degrees, 7dBi signal gain. It is a perfect indoor and outdoor device for industrial installations. Wi-Fi 6E support!

QuSector 7V-120-4 is a concurrent triple band, Vertical polarity, MIMO 4x4 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 (IP67) 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 4*70cm (28inch) cables terminated with Nm, RPSMA, RPTNC.





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
BREAMWIDTH	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	0.3kg
MOUNTING PLACE	Mast
MAST DIAMETER	40-66 mm 1.57-2.60 inch

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MECHANICAL SPECIFICATION

MATERIAL	ASA
CONNECTOR	4xRPSMA/4xNM/4xRPTNC
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

COMPATIBLE ROUTERS

VARIANT: S7V.120.4RS

ADTRAN	Bluesocket 1925
ADVANTECH	EKI-6333AC-2G, EKI-6333AC-4GP, EKI-6333AC-M12
ALCATEL-LUCENT	Stellar AP1222, Stellar AP1322
ARUBA	AP-314, AP-324, AP-334, AP-344, AP-514, AP-534, AP-634, AP-734, AP-764, IAP-314, IAP-324, IAP-334
CISCO	Catalyst IW9165E
COMSET	CM770W-6
D-LINK	DWL-6600AP, DWL-6610APE, DWL-8600AP
ENGENIUS	EAP1300EXT, ECW160, ECW260, ENS620EXT, ESW850
ERICSSON (CRADLEPOINT)	R2400

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EXTREME NETWORKS	AP 305Cx, AP 8533, AP3000X, AP310e
FORTINET	AP1020E, AP822E, FAP-223C, FAP-223E, FAP-224D, FAP-433F, FAP-433G, FAP-C225C, FAP-U223EV, FAP-U432F
HUAWEI	AP6150DN
JUNIPER NETWORKS	AP41E
MIKROTIK	L23UGSR-5HaxD2HaxD, RB912
MIST	AP32E, AP41E, AP43E, AP61E
PEPLINK	Balance 310 fiber 5G, MAX HD2, MAX HD4
WAVETEL	W3604 Multi-WAN, W3608 Multi-WAN
WLINK	G930
OTHER	4 * RPSMA

VARIANT: S7V.120.4NM

RAJANT	BreadCrumb ES1–5050CS, BreadCrumb LX5-2255A, BreadCrumb LX5-2255B, BreadCrumb LX5-2455D, Hawk BreadCrumb FE1-4950, Hawk BreadCrumb® FE1-5050 / FE1-5050A, Peregrine BreadCrumb® FE1–2255B, Peregrine LTE BreadCrumb FE1-2455LS, Peregrine LTE BreadCrumb FE1-2455LW, Sparrow BreadCrumb ME5-5050CS
AEROHIVE NETWORKS	AP1130
ARISTA	O-105E
ARUBA	AP-674
CISCO	AIR-CAP1532E, AIR-CAP1562E, AIR-CAP1572EAC, AIR-CAP1572EC, Catalyst 9163E, Catalyst IW6300, IW3702-2E, IW3702-4E, MR74, MR76, MR84, MR86

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D-LINK	DWL-8710AP
EXTREME NETWORKS	AP 360E, AP 3965E
FORTINET	FAP-222C
HUAWEI	AP6510DN-AGN, AP6610DN-AGN, AP6760R-51E, AP8150DN
PEPLINK	AP Pro AX
RAJANT	BreadCrumb ES1–5050CS, BreadCrumb LX5-2255A, BreadCrumb LX5-2255B, BreadCrumb LX5-2455D, Hawk BreadCrumb FE1-4950, Hawk BreadCrumb® FE1-5050 / FE1-5050A, Peregrine BreadCrumb® FE1–2255B, Peregrine LTE BreadCrumb FE1-2455LS, Peregrine LTE BreadCrumb FE1-2455LW, Sparrow BreadCrumb ME5-5050CS
RUCKUS	T750SE
SIEMENS	6GK5788-1GY01-0AA0, 6GK5748-1GY01-0AA0
XIRRUS	XH2-120
OTHER	4 * N-male

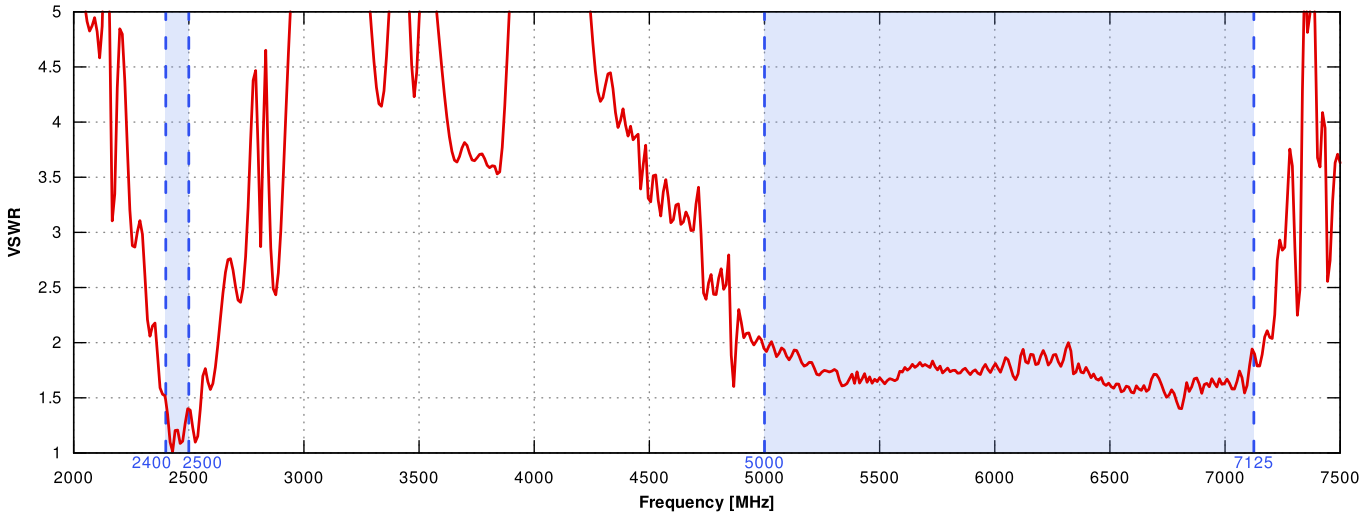
VARIANT: S7V.120.4RT

CISCO	AIR-CAP1852E, AIR-CAP2602E, AIR-CAP2702E, AIR-CAP2802E, AIR-CAP3602E, AIR-CAP3702E, AIR-CAP3702P, AIR-CAP3802E, AIR-CAP3802I, AIR-CAP3802P, Catalyst 9115AXE, Catalyst 9120AXE, Catalyst 9120AXP, MR42E, MR46E, MR53E
OTHER	4 * RPTNC

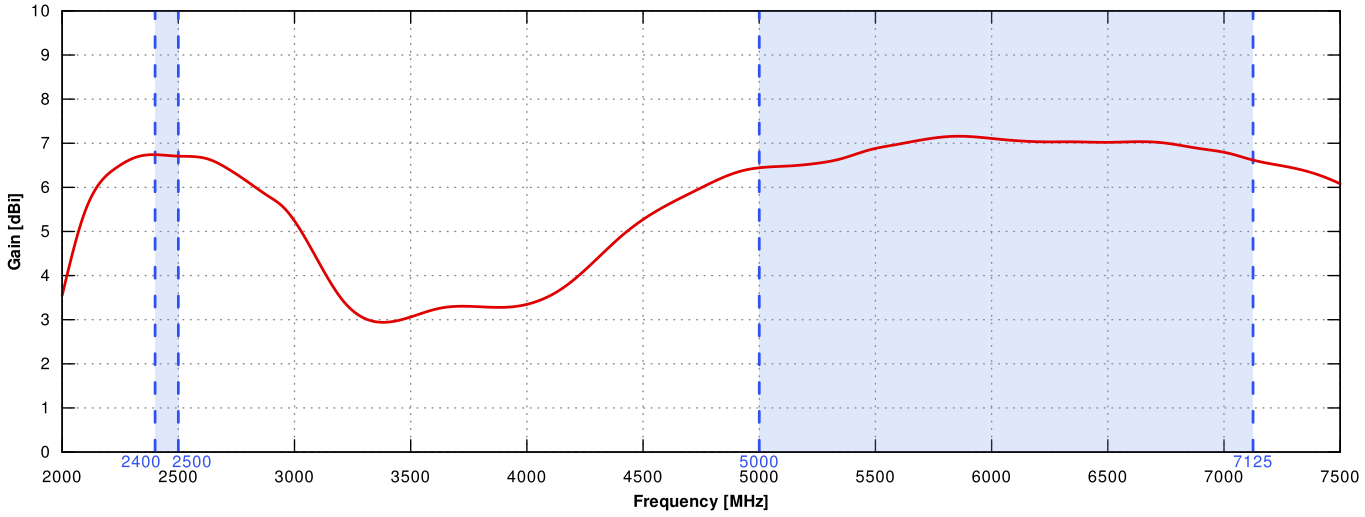
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PLOTS

VSWR



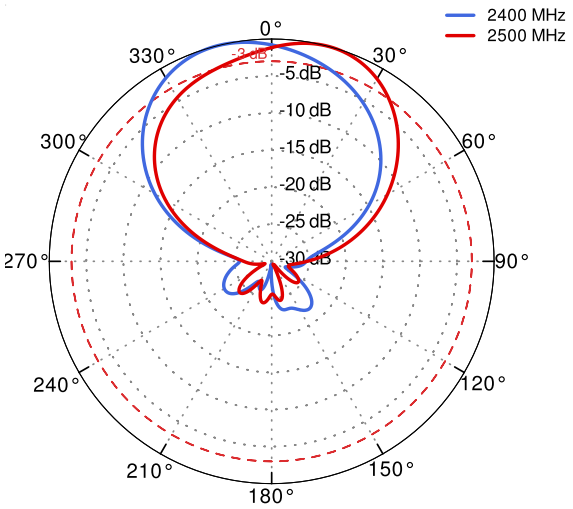
Gain



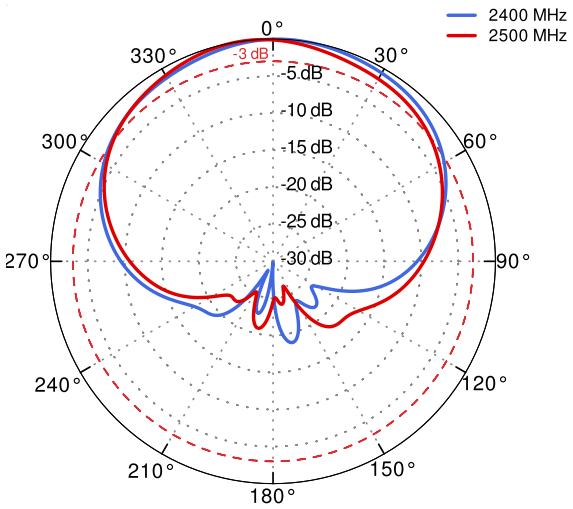
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2.4GHz to 2.5GHz

ELEVATION

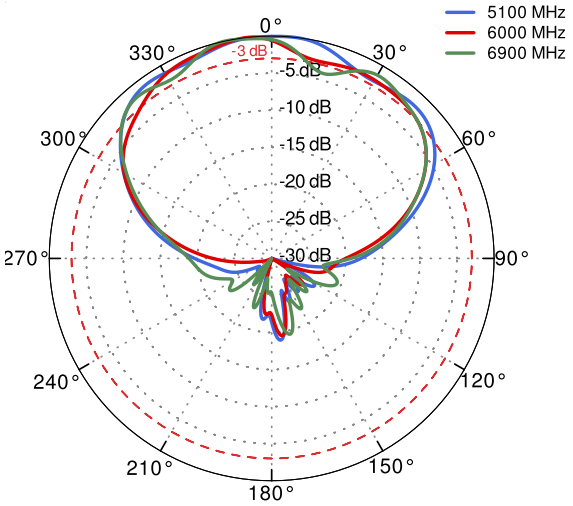


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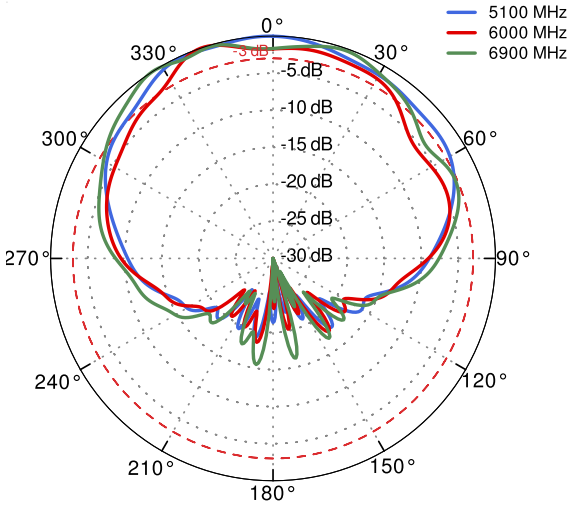


5.1GHz to 6.9GHz

ELEVATION

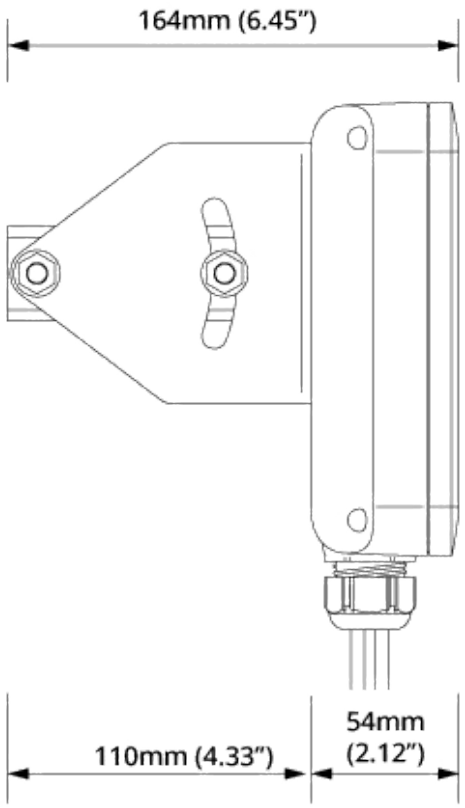


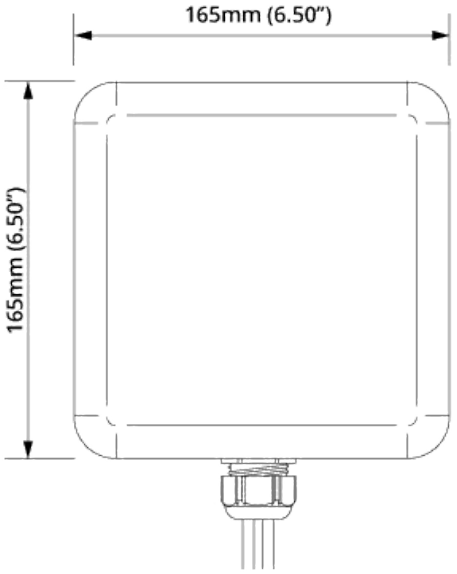
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DIMENSIONS





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