QuSector 17HV-90-4 Wi-Fi 6E

QuSector 17HV-90-4 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-90-4 is a concurrent, Wi-Fi 6E, dual-band, H&V polarity, MIMO 4x4 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-90-4 was designed to be a perfect match for your access point.

Wi Fi 6E | 2.4GHz + 5GHz | 17 dBi | DIRECTIONAL | IP 67 | -40° TO +80° | 4x4 MIMO



WI-FI SPECIFICATION

FREQUENCY	2.3 - 2.6GHz 5.1 - 7.125GHz
GAIN	2.3 - 2.6 GHz : 14 dBi 5.1 - 7.125 GHz : 17 dBi
VSWR	< 2
BEAMWIDTH	2.3 - 2.6 GHz : 90° /16° 5.1 - 7.125 GHz : 90° /8°
POLARIZATION	Horizontal Vertical
IMPEDANCE	50 Ω
SEPARATION BETWEEN CONNECTORS	>30 dB
FRONT-TO-BACK	2.3 - 2.6 GHz: > 23 dB 5.1 - 7.125 GHz: > 25 dB
MAX INPUT POWER	50W
DC GROUND	Yes

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MECHANICAL SPECIFICATION

MATERIAL	ASA
CONNECTOR	4xRPSMA/4xNM/4xRPTNC
OUTER DIMENSIONS	39.2 x 39.6 x 7.7 cm 15.43 x 15.59 x 3.03 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.90.4RS

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, IAP-314, IAP-324, IAP-334
COMSET	CM770W-6
D-LINK	DWL-6600AP, DWL-6610APE, DWL-8600AP
ENGENIUS	EAP1300EXT, ECW160, ECW260, ENS620EXT, ESW850
ERICSSON (CRADLEPOINT)	R2400
EXTREME NETWORKS	AP 305Cx, AP 8533, 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	RB912
MIST	AP32E, AP41E, AP43E, AP61E
PEPLINK	Balance 310 fiber 5G, MAX HD2, MAX HD4
WAVETEL	W3604 Multi-WAN, W3608 Multi-WAN
WLINK	G930

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OTHER	4 * RPSMA

VARIANT: S17HV.90.4NM

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
CISCO	AIR-CAP1532E, AIR-CAP1562E, AIR-CAP1572EAC, AIR-CAP1572EC, Catalyst 9163E, Catalyst IW6300, IW3702-2E, IW3702-4E, MR74, MR76, MR84, MR86
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

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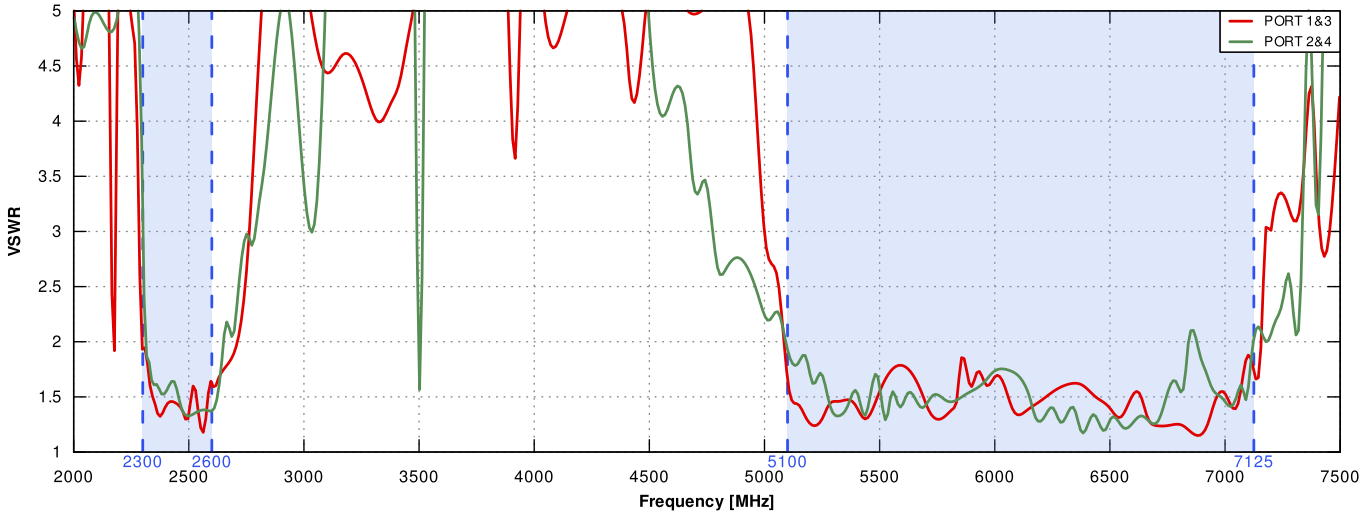
OTHER	4 * N-male

VARIANT: S17HV.90.4RT

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

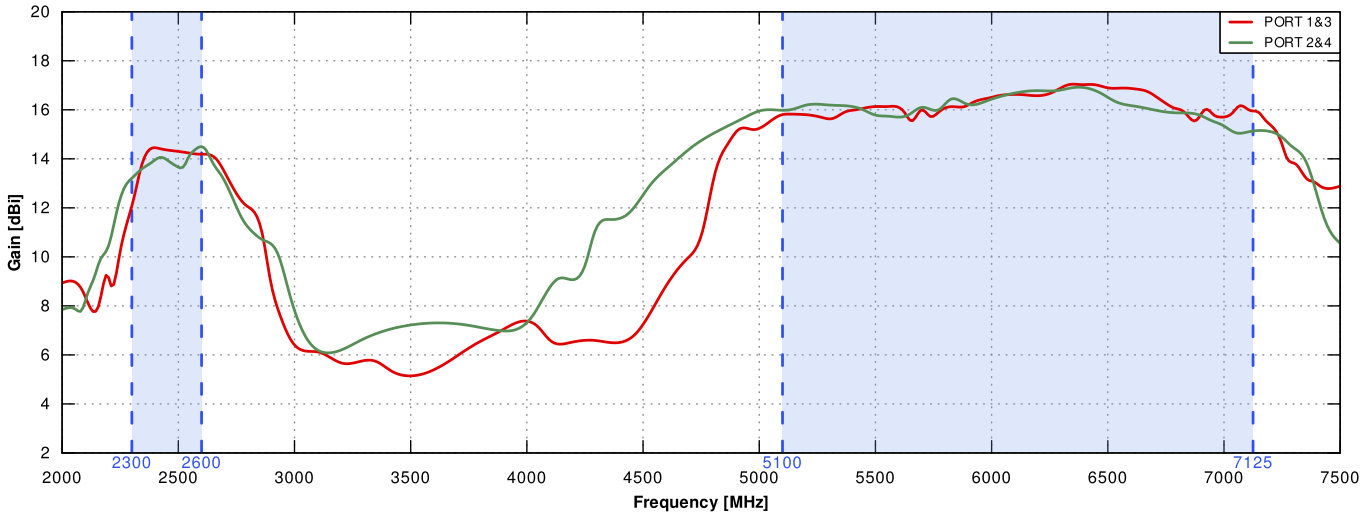
PLOTS

VSWR



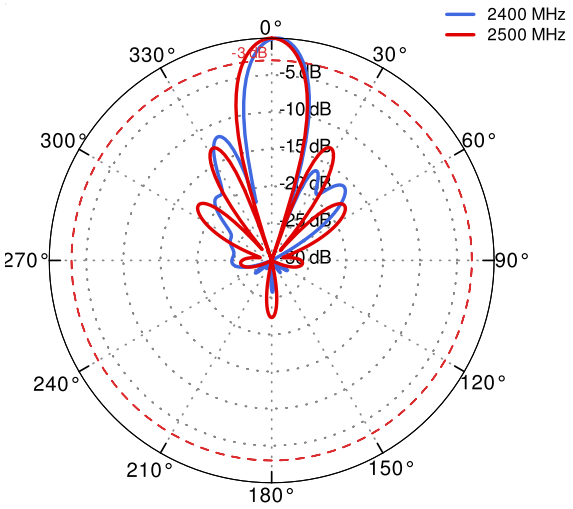
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Gain

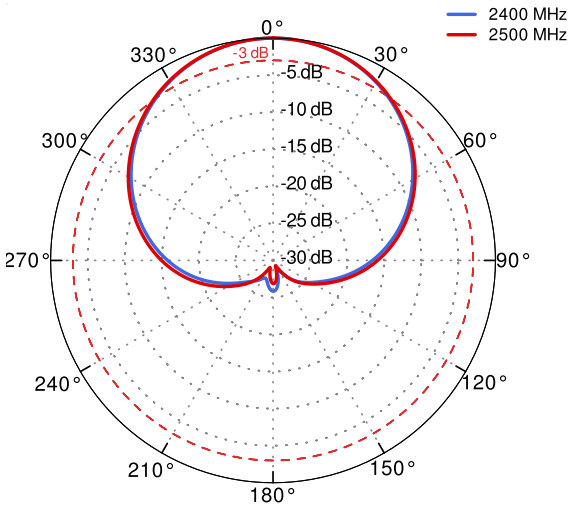


PORT 1&3 From 2.4GHz to 2.5GHz

ELEVATION



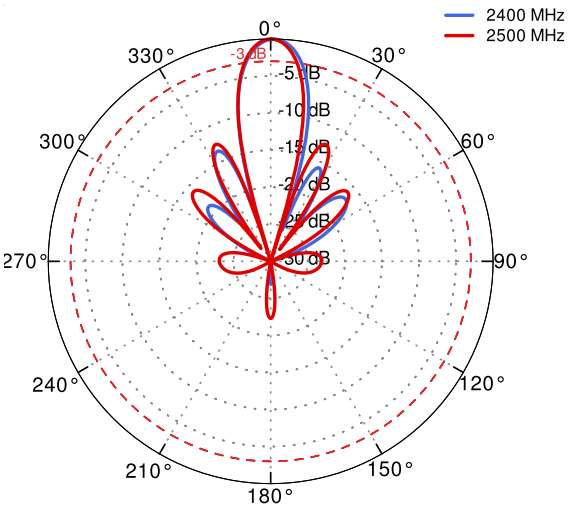
AZIMUTH



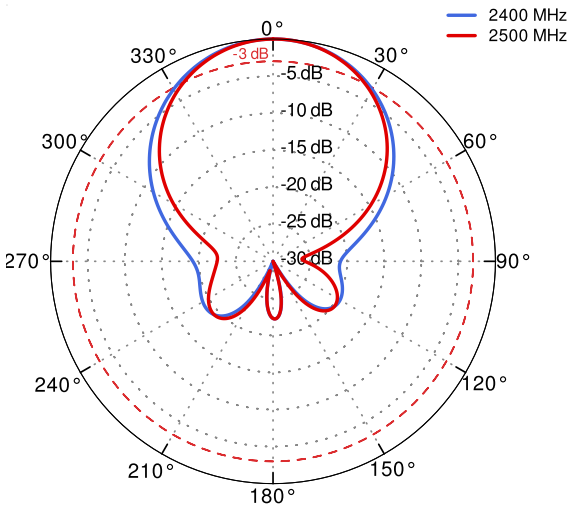
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PORT 2&4 From 2.4GHz to 2.5GHz

ELEVATION

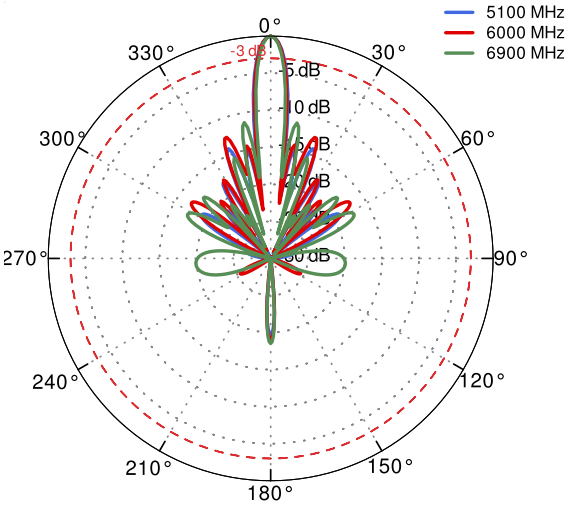


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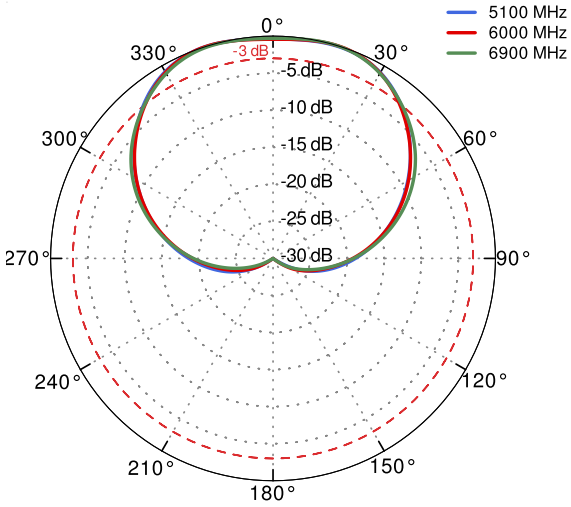


PORT 1&3 From 5.1GHz to 5.9GHz

ELEVATION



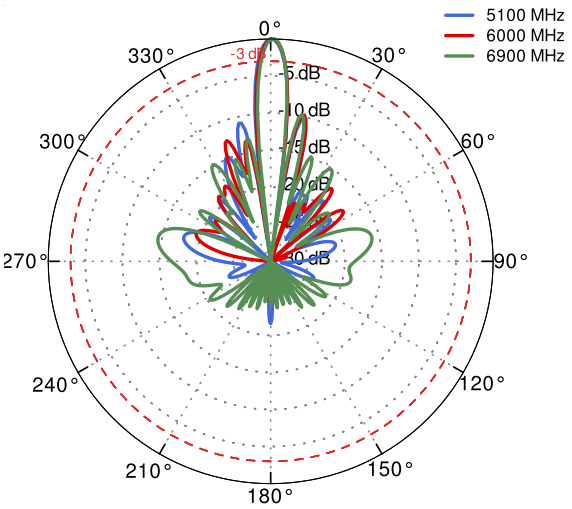
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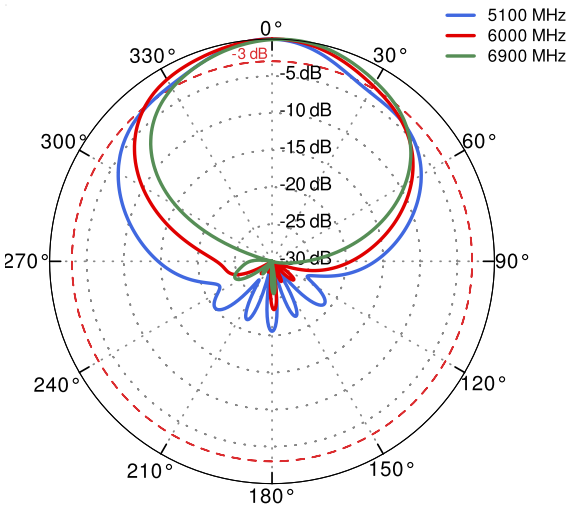
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PORT 2&4 From 5.1GHz to 5.9GHZ

ELEVATION

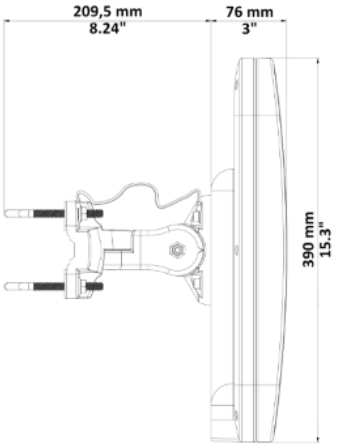


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DIMENSIONS





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