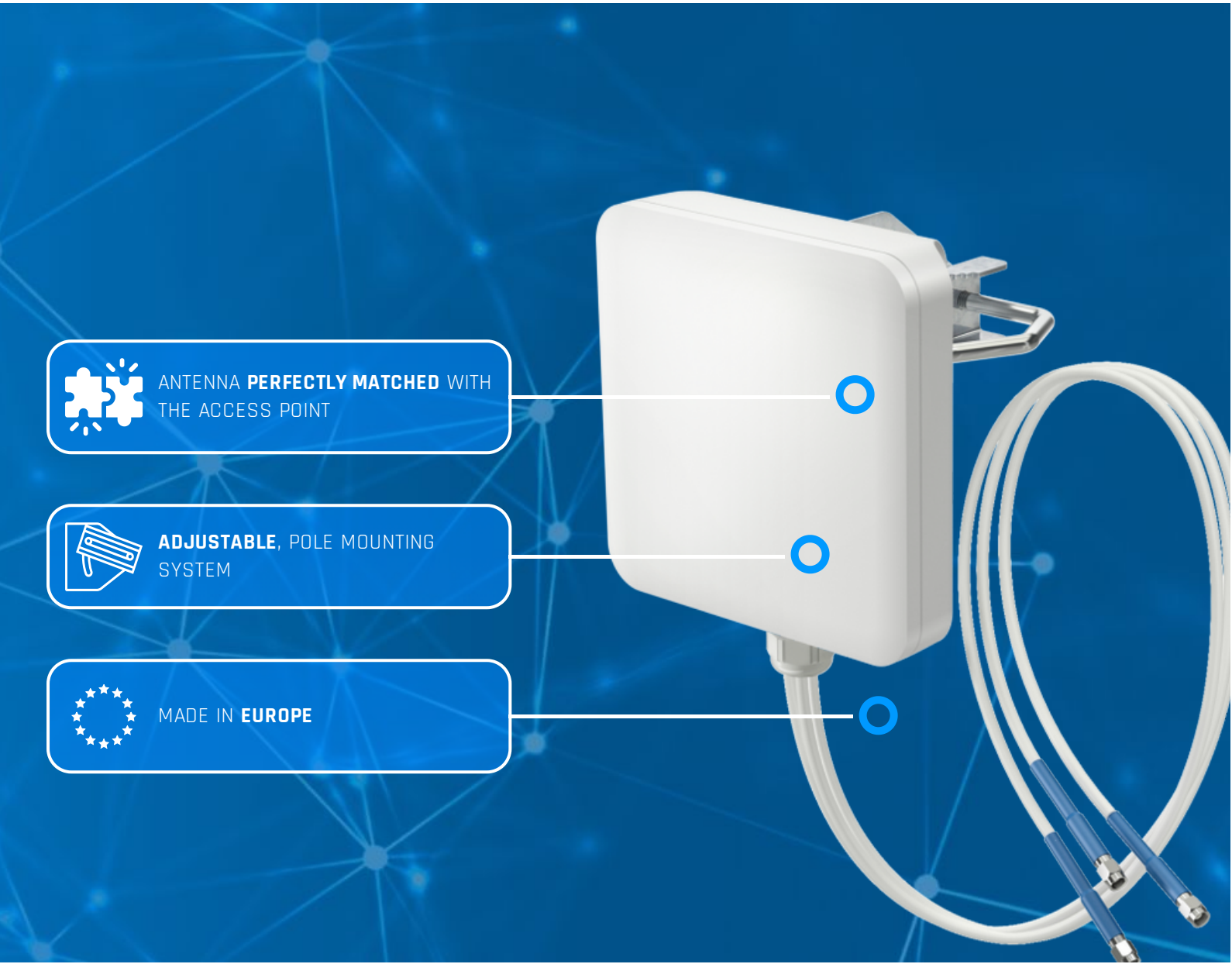
QuSector 7V-120-3 Wi-Fi 6E

QuSector 7V-120-3 offers a 120 degrees, 7dBi signal gain. It is a perfect indoor and outdoor device for industrial installations. Wi-Fi 6E support!

QuSector 7V-120-3 is a concurrent triple band, Vertical polarity, MIMO 3x3 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 3*70cm (28inch) cables terminated with Nm, RPSMA, RPTNC.

Wi Fi 6E | 2.4GHz + 5GHz 6GHz + 7GHz | 7 dBi | DIRECTIONAL | IP 67 | -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
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

MECHANICAL SPECIFICATION

MATERIAL	ASA
CONNECTOR	3xRPSMA/3xNM/3xRPTNC
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

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MOUNTING KIT

MATERIAL	Galvanized
WEIGHT	0.3kg
MOUNTING PLACE	Mast
MAST DIAMETER	40-66 mm 1.57-2.60 inch

COMPATIBLE ROUTERS

VARIANT: S7V.120.3RS

TELTONIKA	RUTC40, RUTC41, RUTC42, RUTC50, RUTC54
ADVANTECH	ICR-4401W
ARUBA	AP-114, AP-124, AP-134, AP-214, AP-224, AP-304, IAP-214, IAP-224, IAP-304
D-LINK	DSR-1000AC
EXTREME NETWORKS	AP 7532
FORTINET	FAP-S313C, FAP-S323C, FAP-S323CR
HUAWEI	AP5130DN
JUNIPER NETWORKS	AX11
QUECLINK	WR220
TELTONIKA	RUTC40, RUTC41, RUTC42, RUTC50, RUTC54
OTHER	3 * RPSMA

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VARIANT: S7V.120.3NM

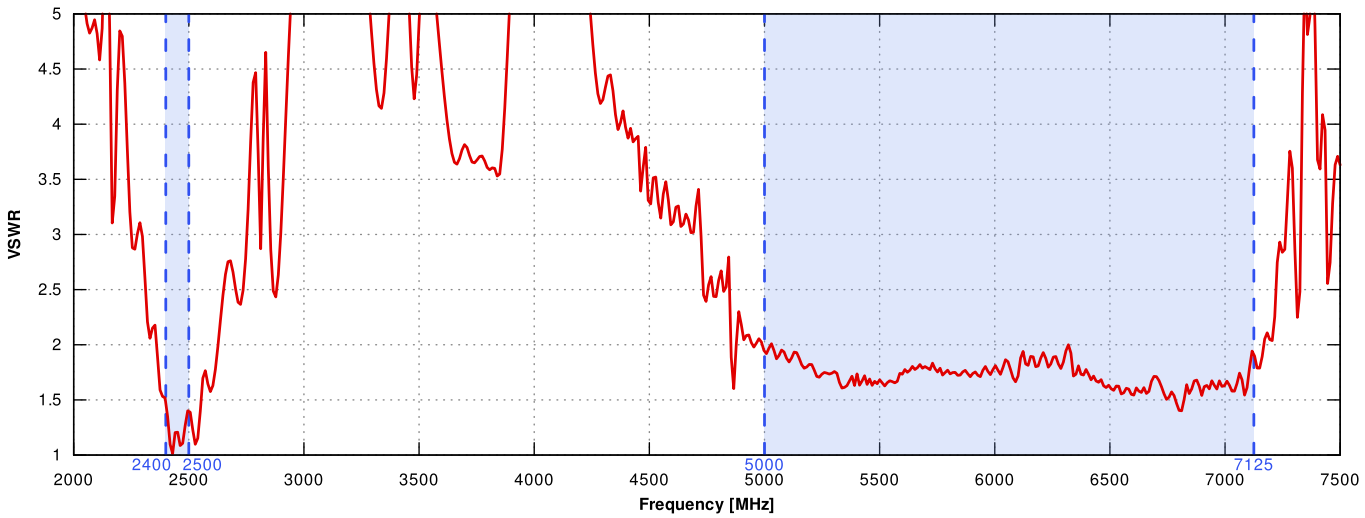
SIEMENS	6GK5748-1GD00-0AB0, 6GK5748-1GD00-0AA0, 6GK5788-1GD00-0AA0, 6GK5788-1GD00-0AB0
OTHER	3 * N-male

VARIANT: S7V.120.3RT

CISCO	AIR-CAP1602E
OTHER	3 * RPTNC

PLOTS

VSWR



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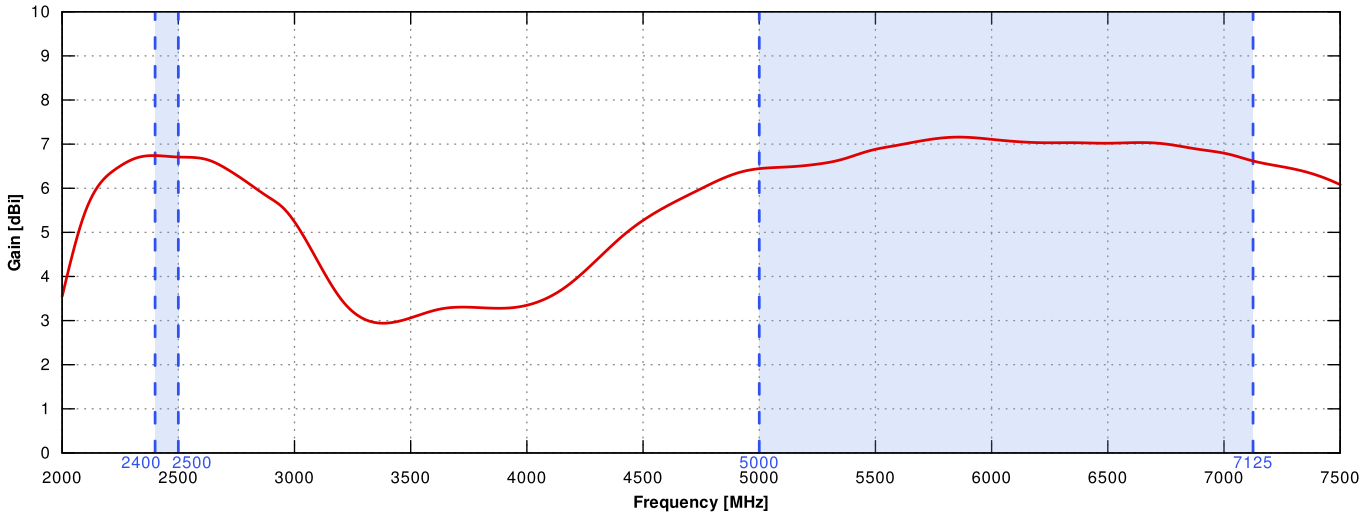
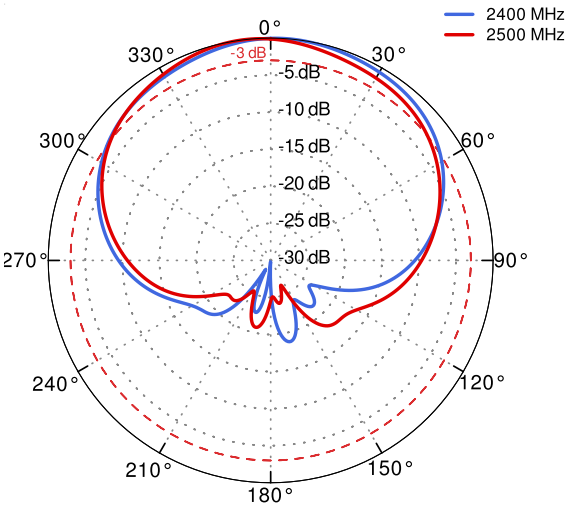
Gain

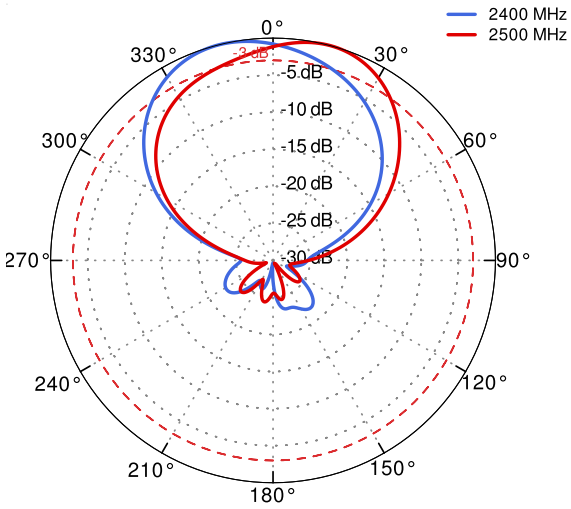


From 2.4GHz to 2.5GHz

AZIMUTH



ELEVATION



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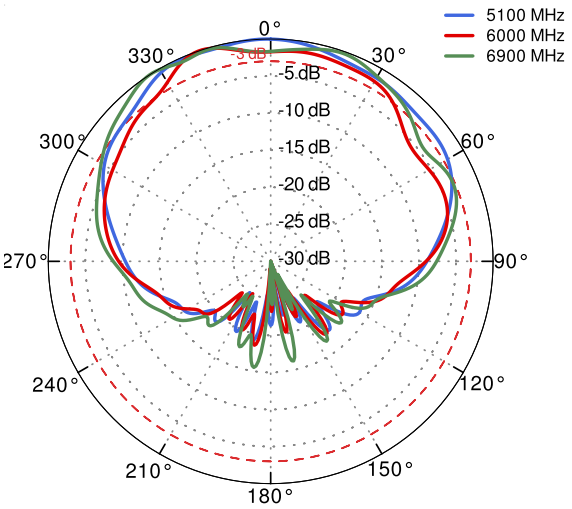
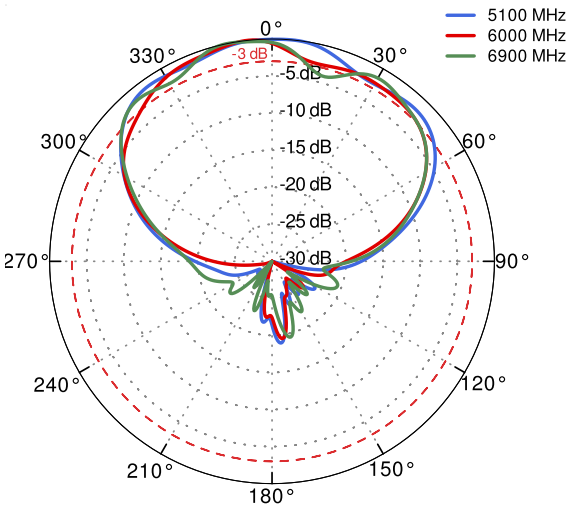
From 5.1GHz to 6.9GHz

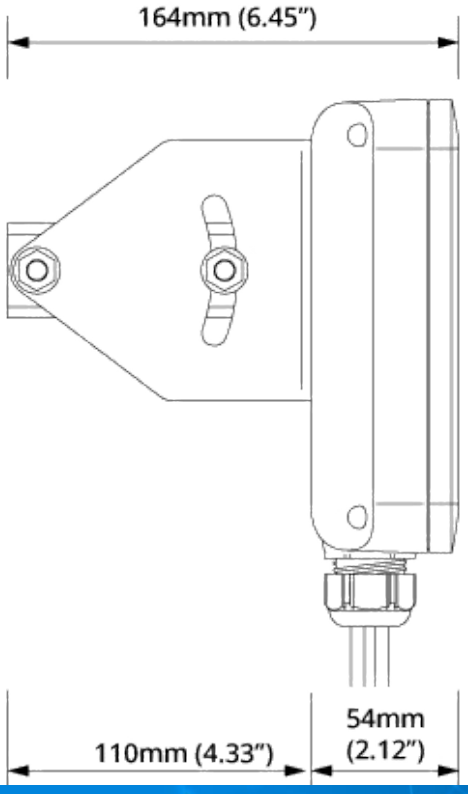
AZIMUTH

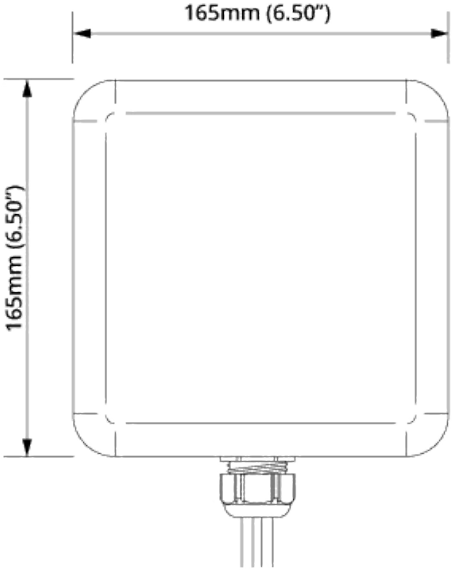


ELEVATION



DIMENSIONS





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