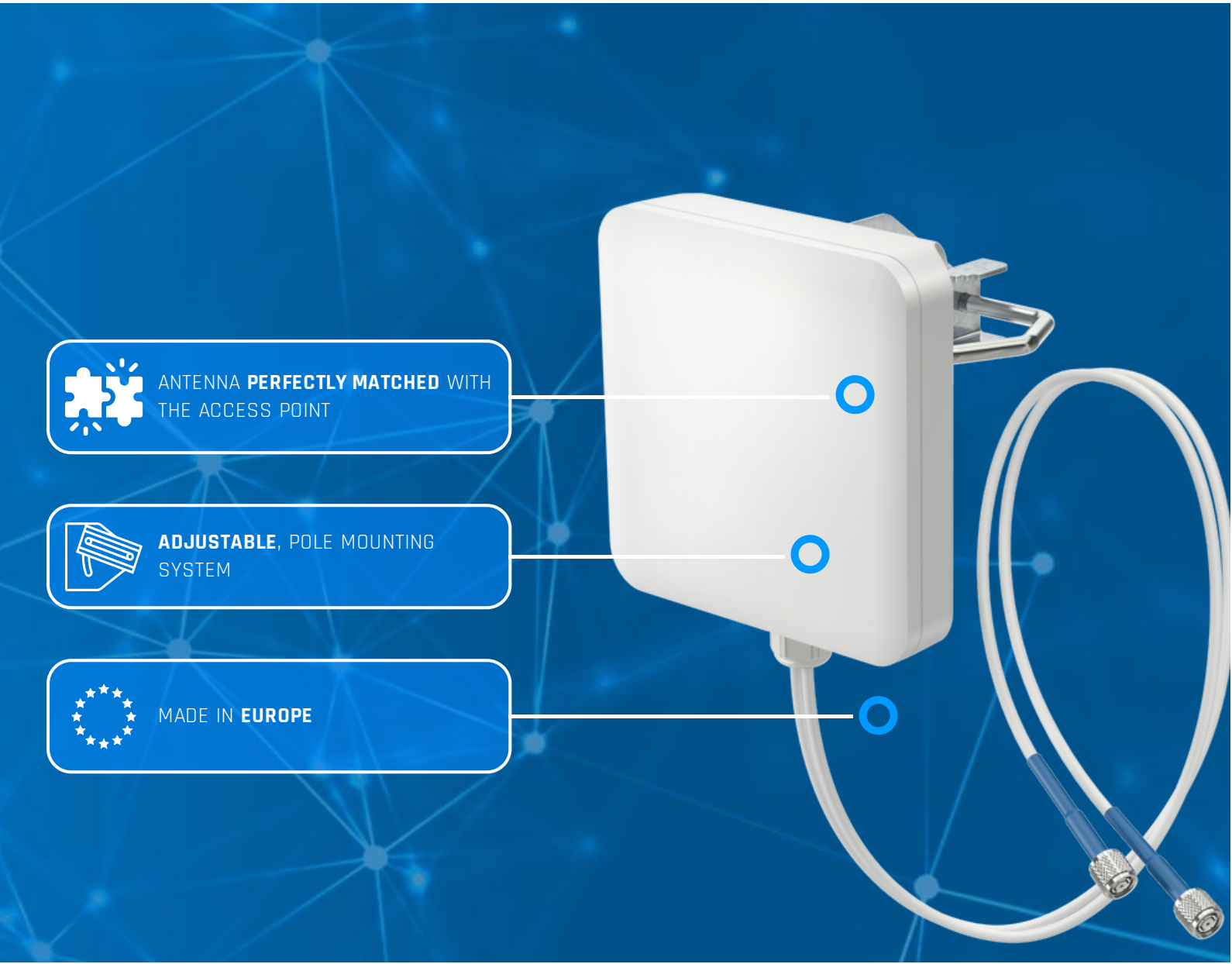
QuSector 7V-120-2 Wi-Fi 6E

QuSector 7V-120-2 offers a 120 degrees, 7dBi signal gain. It is a perfect indoor and outdoor device for industrial installations. Wi-Fi 6E support!

QuSector 7V-120-2 is a concurrent triple band, Vertical polarity, MIMO 2x2 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 with 2*70cm (28inch) cables terminated with Nm, RPSMA or RPTNC connectors.

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

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MECHANICAL SPECIFICATION

MATERIAL	ASA
CONNECTOR	2xRPSMA/2xNM/2xRPTNC
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.120.2RS

TELTONIKA	RUT900, RUT901, RUT950, RUT951, RUT951 PoE+, RUT955, RUT956, RUT976, RUT981, RUT986, RUTM10, RUTM11, RUTM16, RUTM30, RUTM31, RUTM51, RUTM52, RUTM54, RUTM55, RUTM56, RUTX10, RUTX11, RUTX12, RUTX50
ROBUSTEL	EG5100, EG5120, R1520 Global, R1520-4L (S), R1520-4L (V), R2010, R2011, R201x, R2120, R2120 5G, R2120 5G RedCap, R5020, R5020 Lite, R5030
ACKSYS	AirBox LTE, AirBox/10, AirLink, AirWan, AirXroad, AirXroad/4P
ADVANTECH	EKI-1361(-MB) EKI-1362, EKI-6233BN, EKI-6333AC-2GD
ANYBUS	Wireless Router WLAN
ARUBA	AP-204, AP-504, IAP-204, RAP-108
D-LINK	DAP-1665, DAP-2020, DAP-2310, DAP-2360, DIS-2650AP, DWL-8720AP, N300 4G

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DIGI	IX25, TX54 LTE-Advanced
ENGENIUS	ENS500EXT
ERICSSON (CRADLEPOINT)	IBR600C, IBR900, R1900, R920, R980, S700
EXTREME NETWORKS	AP 7522, AP 7522E, AP122X, AP305CX
FORTINET	FAP-233G, FAP-U432F
HUAWEI	AP4051DN, AP4130DN, AP4151DN
INHAND	IR315
MERU	AP1010E
MIKROTIK	L009UiGS-2HaxD-IN, RB922
MOXA	AWK-1131A Series, AWK-1137C Series, AWK-1151C Series, AWK-3131A Series, AWK-3252A Series
PEPLINK	AP One Rugged, B One, Balance 20X, BR1 Pro (CAT-20), BR1 Pro CAT-20, BR2 PRO, MAX BR1 Mini M2M, MAX BR1 MK2, MAX BR1 Pro, MAX BR1 Pro 5G, MAX Transit, MAX Transit Duo Pro, UBR Plus
PERLE	IOLAN SCG W Secure Console Server, IOLAN SCG WM Secure Console Server, IOLAN SDG W Serial Device Servers, IRG5520, IRG5521, IRG5541
ROBUSTEL	EG5100, EG5120, R1520 Global, R1520-4L (S), R1520-4L (V), R2010, R2011, R201x, R2120, R2120 5G, R2120 5G RedCap, R5020, R5020 Lite, R5030
SEMTECH (SIERRA WIRELESS)	AirLink RV55, AirLink RX55, AirLink XR60
TELTONIKA	RUT900, RUT901, RUT950, RUT951, RUT951 PoE+, RUT955, RUT956, RUT976, RUT981, RUT986, RUTM10, RUTM11, RUTM16, RUTM30, RUTM31, RUTM51, RUTM52, RUTM54, RUTM55, RUTM56, RUTX10, RUTX11, RUTX12, RUTX50

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WAVETEL	W240 4G/LTE, W2400 LTE , W3600 4G/LTE Dual WAN, WNR320 5G, WNR340 5G, WNR5601 5G
WLINK	ER120, G200, G230, G530, G530
ZYXEL	NWA55AXE
OTHER	2 * RPSMA

VARIANT: S7V.120.2NM

RAJANT	BreadCrumb ES1-2450IS, BreadCrumb ES1-2450CS, BreadCrumb LX5-2255A, BreadCrumb LX5-2255B, BreadCrumb LX5-2255C, BreadCrumb LX5-2295C, BreadCrumb LX5-2455D, BreadCrumb LX5-2955C, Hawk BreadCrumb FE1-2450 / FE1-2450A, Peregrine LTE BreadCrumb FE1-2455LS, Peregrine LTE BreadCrumb FE1-2455LW, Sparrow BreadCrumb ME5-2450CS
ACKSYS	RuggedAir100
ANYBUS	WLAN Access Point IP67
CISCO	Catalyst IW9165D
D-LINK	DBA-3621P
EXTREME NETWORKS	AP 3917
MIKROTIK	L11UG-5HaxD
RAJANT	BreadCrumb ES1-2450IS, BreadCrumb ES1-2450CS, BreadCrumb LX5-2255A, BreadCrumb LX5-2255B, BreadCrumb LX5-2255C, BreadCrumb LX5-2295C, BreadCrumb LX5-2455D, BreadCrumb LX5-2955C, Hawk BreadCrumb FE1-2450 / FE1-2450A, Peregrine LTE BreadCrumb FE1-2455LS, Peregrine LTE BreadCrumb FE1-2455LW, Sparrow BreadCrumb ME5-2450CS
RUCKUS	T350SE

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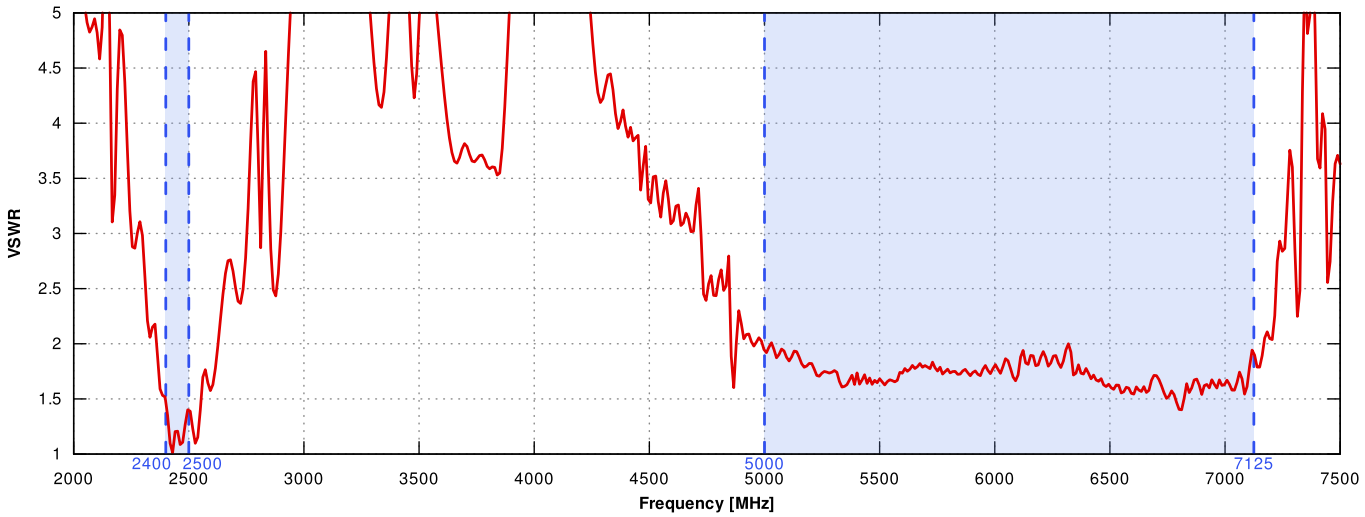
SIEMENS	6GK5766-1GE00-7DB0, 6GK5766-1GE00-3DA0, 6GK5766-1GE00-3DB0, 6GK5766-1GE00-7DA0, 6GK5766-1GE00-7TA0, 6GK5766-1GE00-7TB0, Scalance W738 M12, Scalance W778-1 M12, Scalance W778-1 M12 EEC
OTHER	2 * N-male

VARIANT: S7V.120.2RT

DIGI	WR44 RR
XIRRUS	XR-520H
OTHER	2 * RPTNC

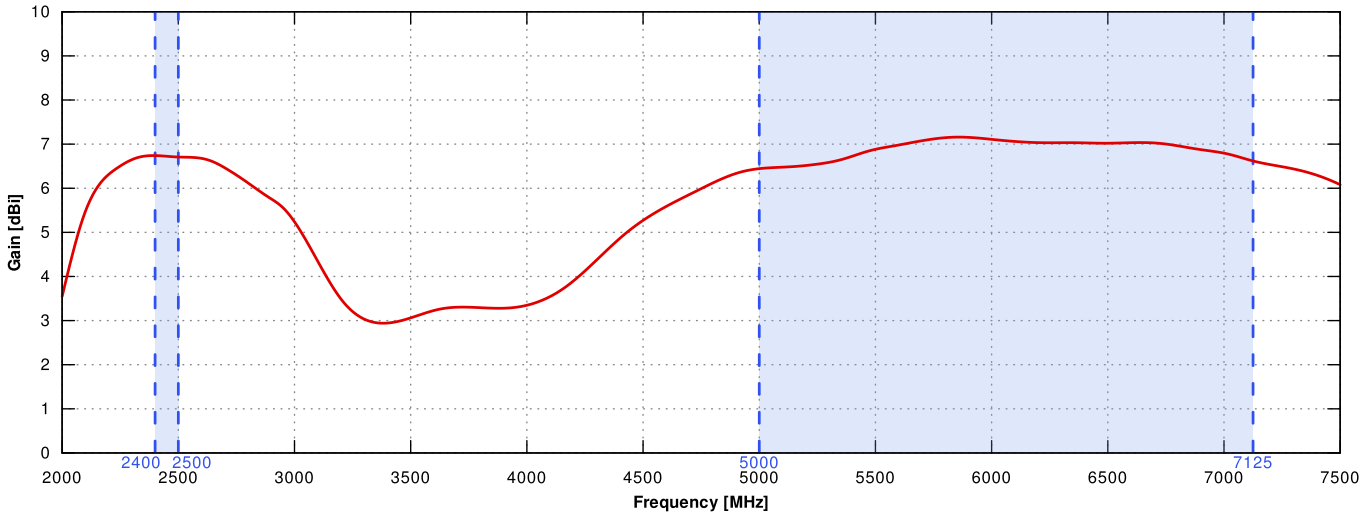
PLOTS

VSWR



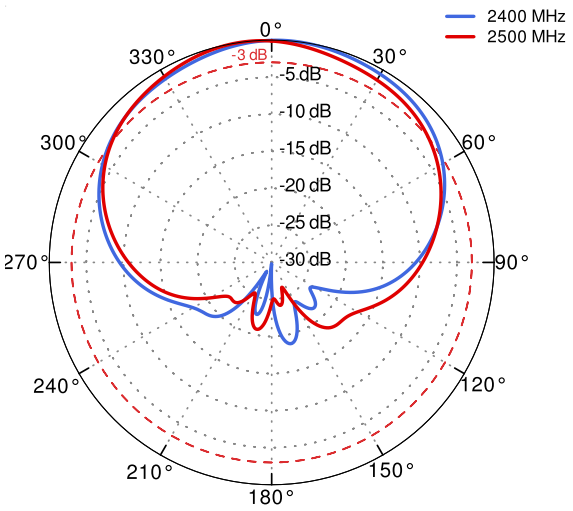
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Gain

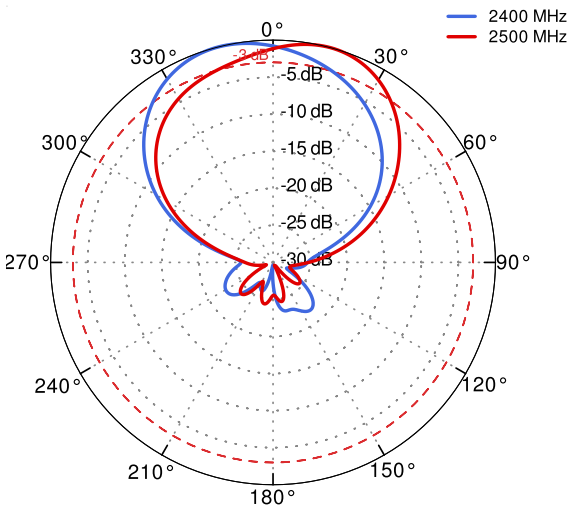


From 2.4GHz to 2.5GHz

AZIMUTH



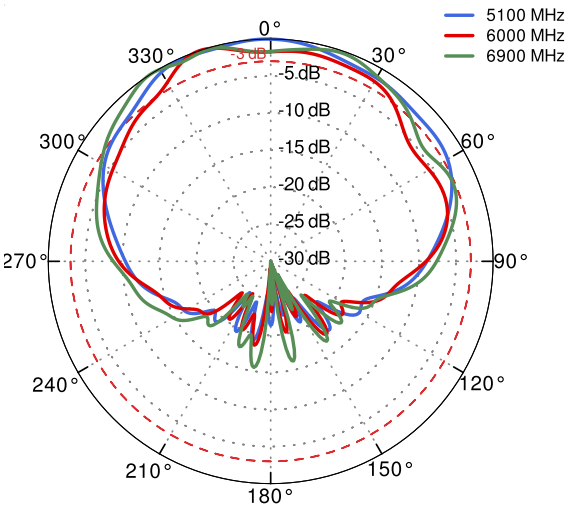
ELEVATION



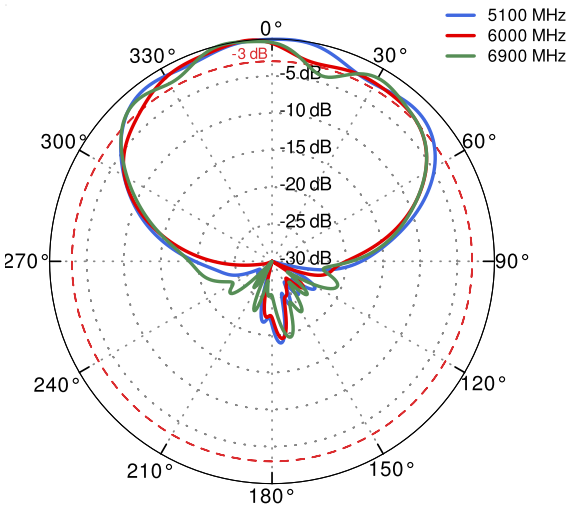
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From 5.1GHz to 6.9GHz

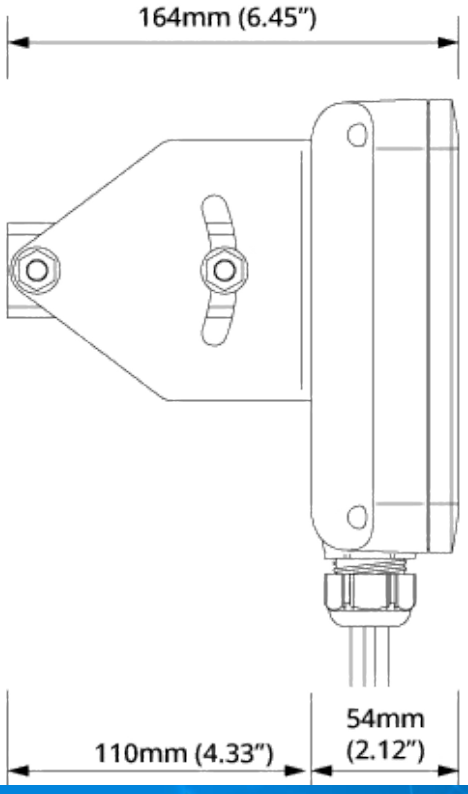
AZIMUTH

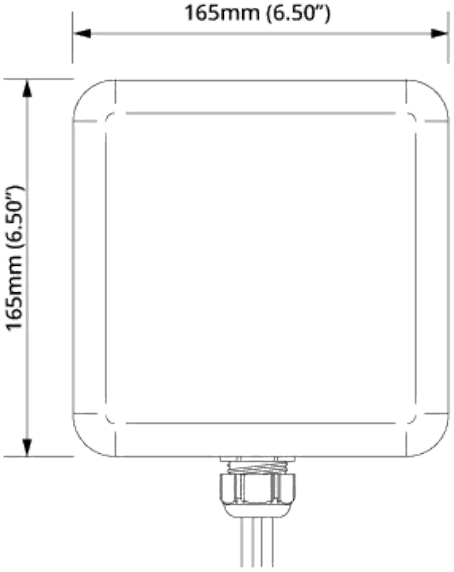


ELEVATION



DIMENSIONS





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