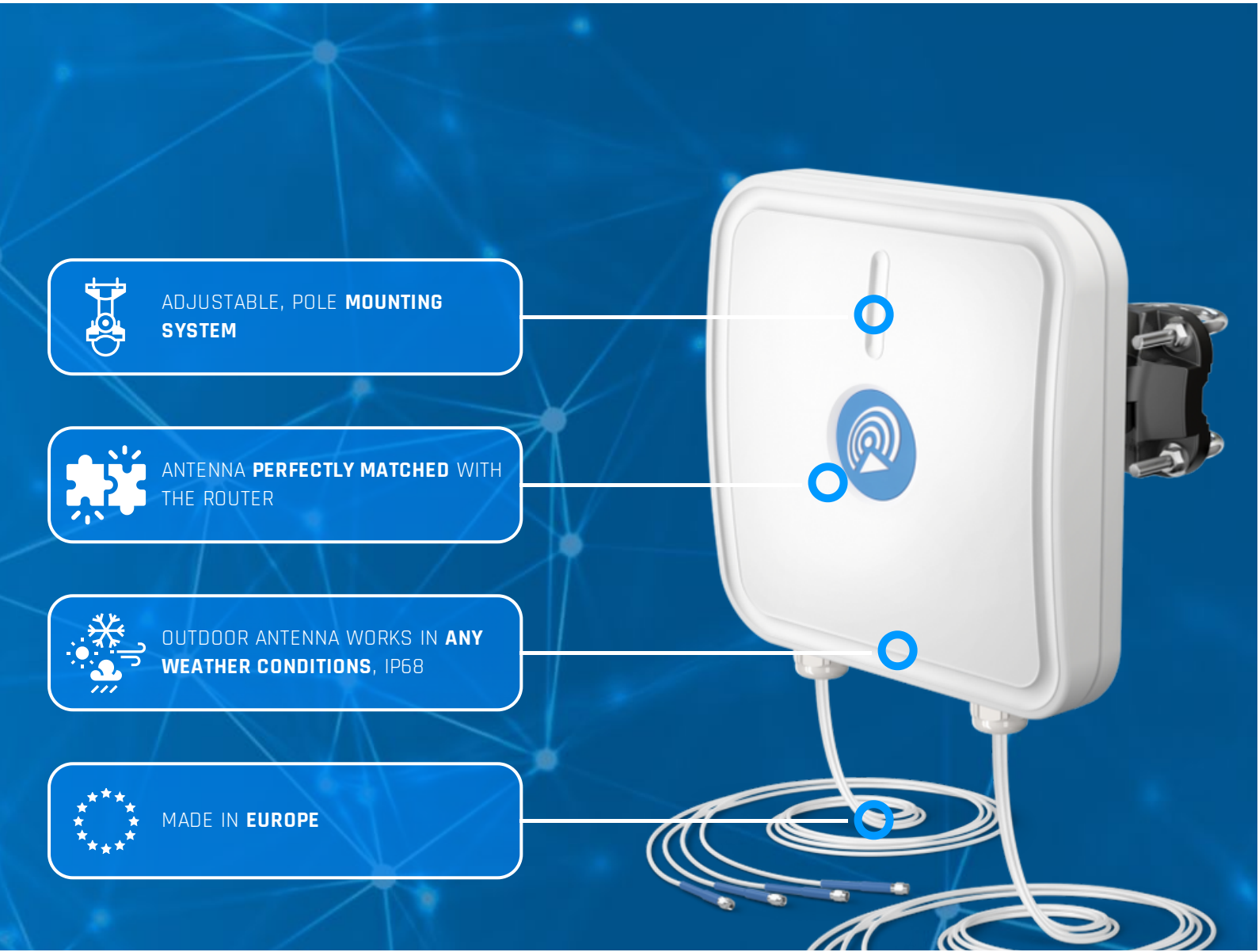
QuSector 9X-65-8 Wi-Fi 6E

QuSector 9X-65-8 Wi-Fi 6E offers a 65 degrees, 8dBi (2.4GHz) & 9dBi (5GHz-7GHz) gain signal. It is a perfect indoor and outdoor device for industrial installations.

QuSector 9X-65-8 is a concurrent dual band, X polarity, MIMO 8x8 panel antenna. It simultaneously operates at **2.4GHz** with 8dBi gain and at **5GHz-7GHz** with 9dBi gain. 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. It is a futureproof solution with **Wi-Fi 6E** and **Wi-Fi 7** support. High quality injection moulded enclosure allows to implement it alongside with indoor and IP68 outdoor solutions. Wide frequency range (2.4-2.5GHz & 5-7.125GHz) helps to find suitable frequency for the most effective operation. It is designed to be applied mainly to special access points working in the systems where two bands (frequencies) are diplexed for one antenna connector. The antenna comes in three configurations: with 8*70cm (28inch) cables terminated with Nm, RPSMA, RPTNC.





WI-FI SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5 - 7.125 GHz
GAIN	2.4 - 2.5 GHz: 8 dBi 5 - 7.125 GHz: 9 dBi
VSWR	< 1.80
BEAMWIDTH	2.4 - 2.5 GHz - 65°/65° 5 - 7.125 GHz - 60°/60°
POLARIZATION	X (+-45degrees)
IMPEDANCE	50 Ω
SEPARATION BETWEEN CONNECTORS	2.4 - 2.5 GHz: > 33dB
FRONT-TO-BACK	2.4 - 2.5 GHz: 20dB 4.9 - 6 GHz: 25dB
MAX INPUT POWER	50W
DC GROUND	Yes

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MECHANICAL SPECIFICATION

MATERIAL	ASA
CONNECTOR	8xRPSMA/8xRPTNC/8xNM
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

MOUNTING KIT

MATERIAL	Galvanized steel
WEIGHT	0.3 kg
MOUNTING PLACE	Mast
MAST DIAMETER	25-66mm 0.98-2.60 inch

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COMPATIBLE ROUTERS

VARIANT: S9X.65.8RT

VARIANT: S9X.65.8RS

ACKSYS	AirBox/12
ADTRAN	Bluesocket 3045
AEROHIVE NETWORKS	AP510CX, AP650X
ALCATEL-LUCENT	Stellar AP1232
ARUBA	AP-654, AP-754
ENGENIUS	ECW270, EWS371AP
EXTREME NETWORKS	AP460e, AP510CX, AP510e
FORTINET	FAP-S423E, FAP-U423EV
HUAWEI	AP6760-X1E
XIRRUS	XA4-240, XR-2000H, XR-2425H

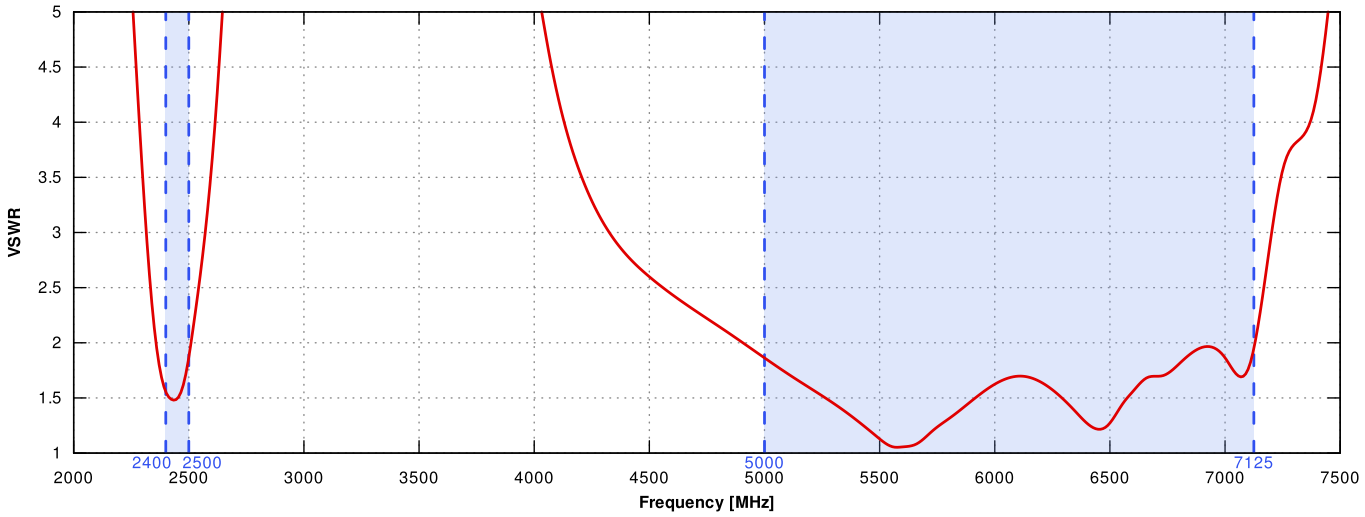
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VARIANT: S9X.65.8NM

ACKSYS	RailTrack
CISCO	Catalyst IW9167E
ENGENIUS	EWS871AP
EXTREME NETWORKS	AP 8163
FORTINET	FAP-432G, FAP-S422E, FAP-U422EV
HUAWEI	AP8182DN, AP8760R-X1E
SIEMENS	6GK5788-2GY01-0AA0, 6GK5788-2GY01-0TA0
XIRRUS	XH2-240

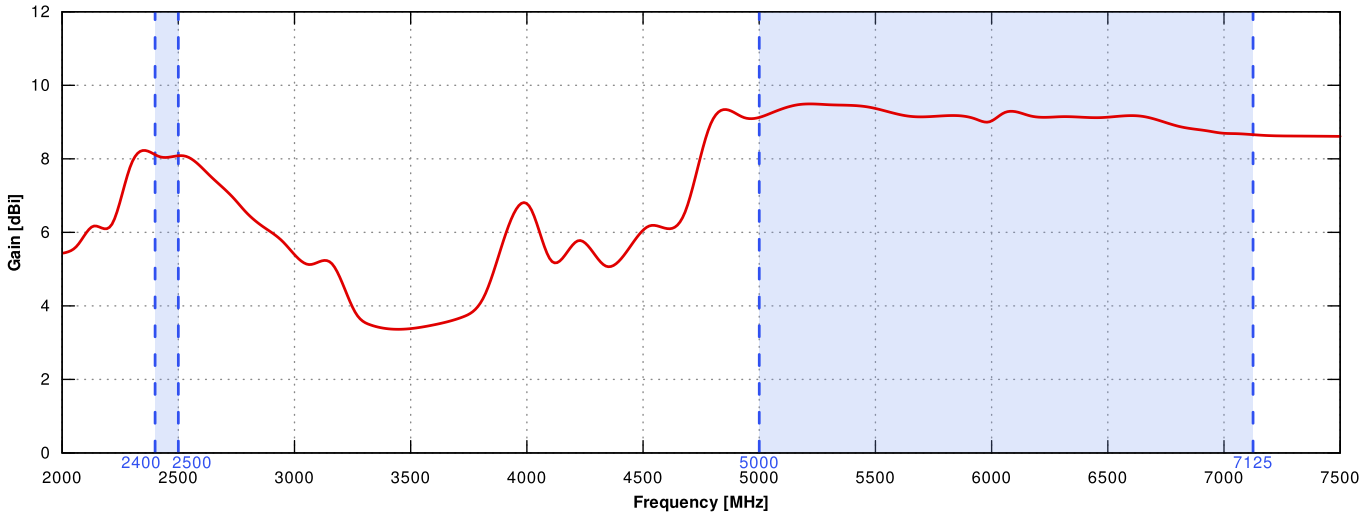
PLOTS

VSWR



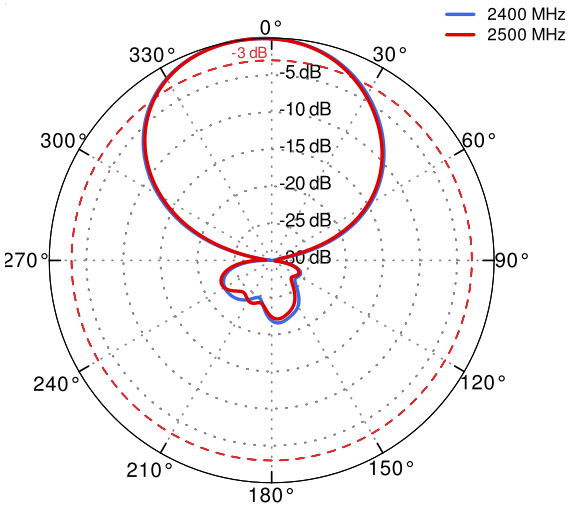
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Gain

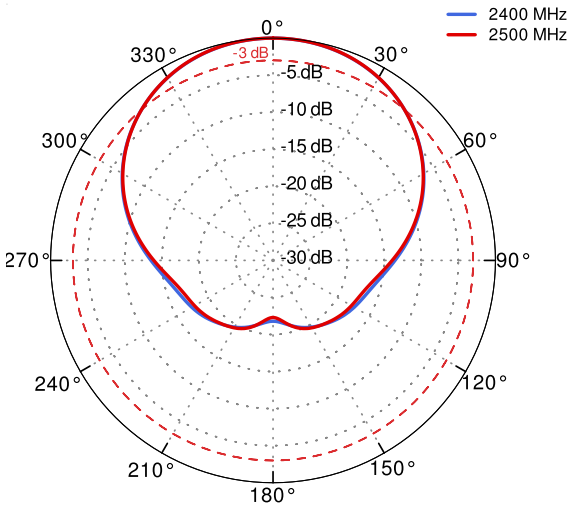


2.4GHz to 2.5GHz

PORT 1, 3, 5, 7 ELEVATION



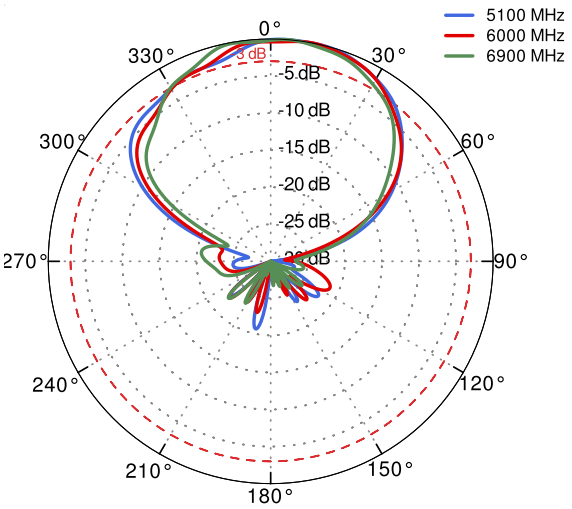
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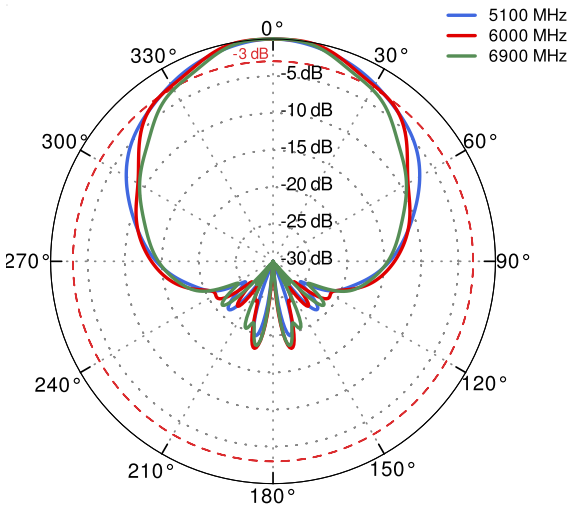
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5GHz to 6GHz

PORT 1, 3, 5, 7 ELEVATION

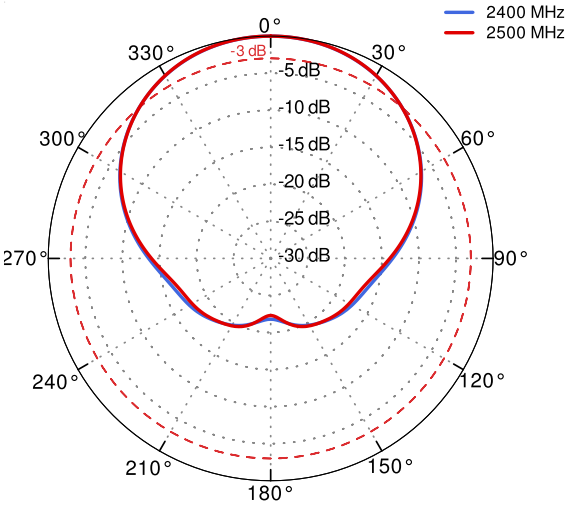


PORT 1, 3, 5, 7 AZIMUTH

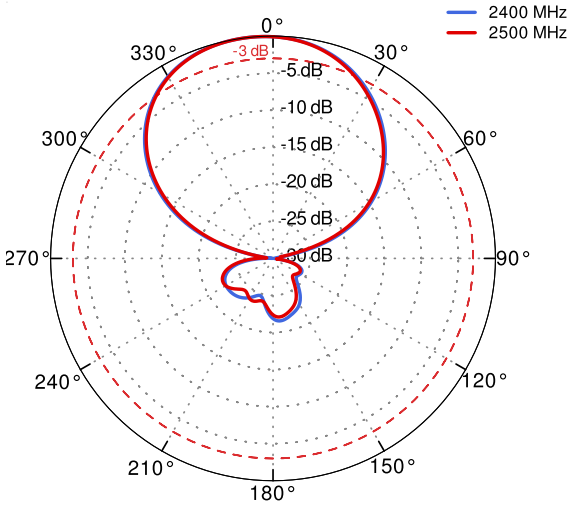


2.4GHz to 2.5GHz

PORT 2, 4, 6, 8 ELEVATION



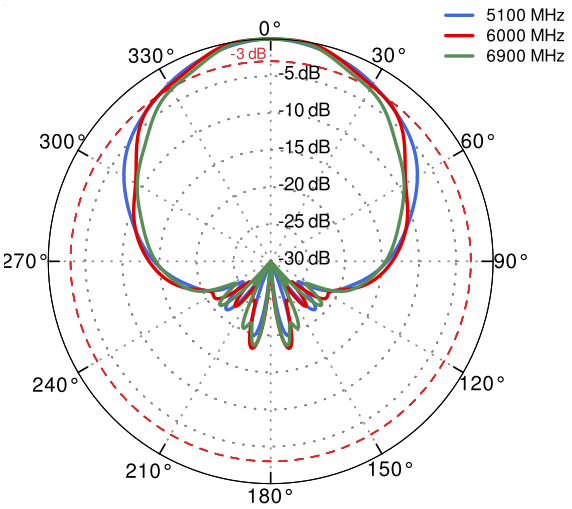
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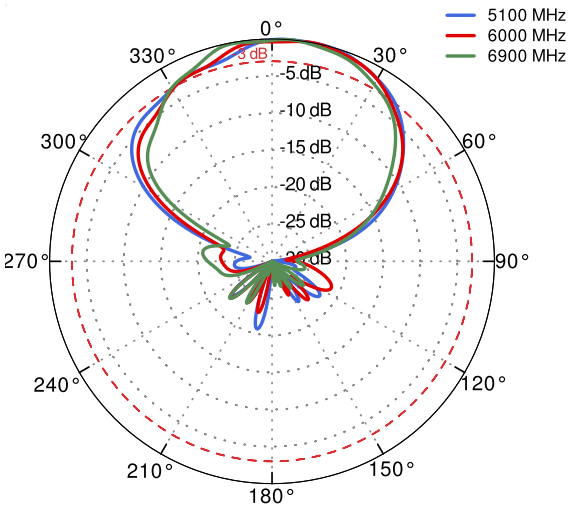
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5GHz to 6GHz

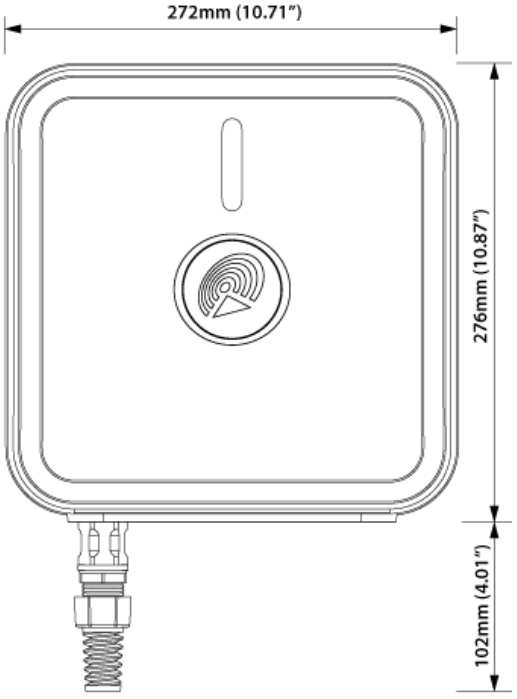
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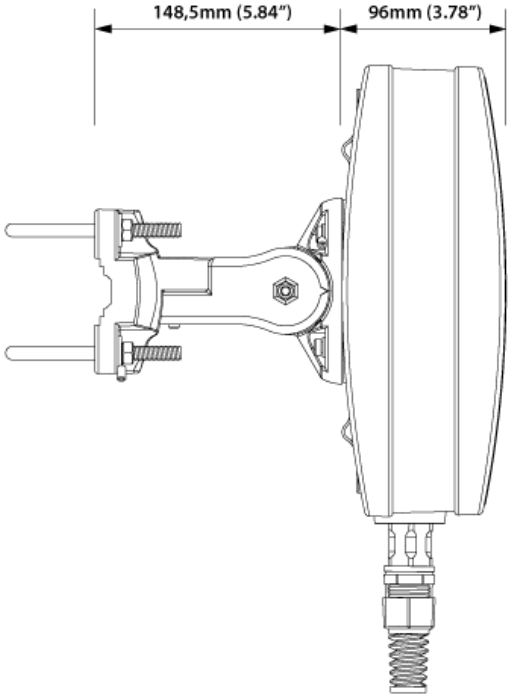


PORT 2, 4, 6, 8 AZIMUTH



DIMENSIONS





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