QuCube for Semtech XR60 magnet mounting

INTEGRATED MULTI-BAND LTE & 5G OMNI ANTENNA + WI-FI ANTENNA + GPS ANTENNA + 802.3AT POE SPLITTER + PLACE TO INSTALL SIERRA WIRELESS XR60 (ALL-IN-ONE)

QuCube for Sierra Wireless XR60 is a compact outdoor antenna solution designed for reliable, high-speed connectivity in demanding environments. It integrates high-gain omnidirectional 5G, Wi-Fi, and GPS antennas with the XR60 router in a rugged, IP68-rated waterproof enclosure. With magnetic mounting for easy installation on vehicle roofs, QuCube enables fast deployment and consistent performance wherever dependable connectivity is required.
The set contains a 802.3at PoE splitter, allowing you to split data and power from a single Ethernet cable and maintain gigabit transfer speeds while protecting the LAN port from damage caused by overvoltage, short circuit or improper connection. Using QuWireless splitter provides 3KA surge and lightning protection.

5G | 617-6000MHz | 4 dBi | Wi Fi 6E | 2.4GHz + 5GHz 6GHz + 7GHz | GPS | OMNI DIRECTIONAL | IP 68 | -40° TO +80°

- OUTDOOR ANTENNA WORKS IN **ANY WEATHER CONDITIONS**, IP68
- ANTENNA **PERFECTLY MATCHED** WITH THE ROUTER
- ALL ANTENNAS AND SEMTECH ROUTER INTEGRATED IN ONE ENCLOSURE
- MAGNET MOUNTING



5G/LTE SPECIFICATION

FREQUENCY	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 6.0 GHz
GAIN	617 - 960 MHz : 2 dBi 1.7 - 2.7 GHz : 3 dBi 3.3 - 6.0 GHz : 4 dBi
SUPPORTED LTE BANDS	1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 22, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 46, 47, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, 106
SUPPORTED 5G BANDS	n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n46, n47, n48, n53, n65, n66, n67, n71, n77, n78, n79, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n100, n101, n256
VSWR	<1.20, max <2.50
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

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WI-FI SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5 - 7.2 GHz
GAIN	2.4 - 2.5 GHz: 2dBi 5 - 7.2 GHz: 5dBi
VSWR	< 2.50
BEAMWIDTH	360°/25°
POLARIZATION	Vertical
IMPEDANCE	50 Ω
MAX INPUT POWER	50W
DC GROUND	Yes

MECHANICAL SPECIFICATION

MATERIAL	ASA
CONNECTOR	RJ45
OUTER DIMENSIONS	158 x 158 x 158 mm 6.2 x 6.2 x 6.2 inch
OPERATING TEMPERATURE	-40°C to 80°C -40°F to 176°F
INGRESS PROTECTION	IP67 and IP68

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MOUNTING KIT

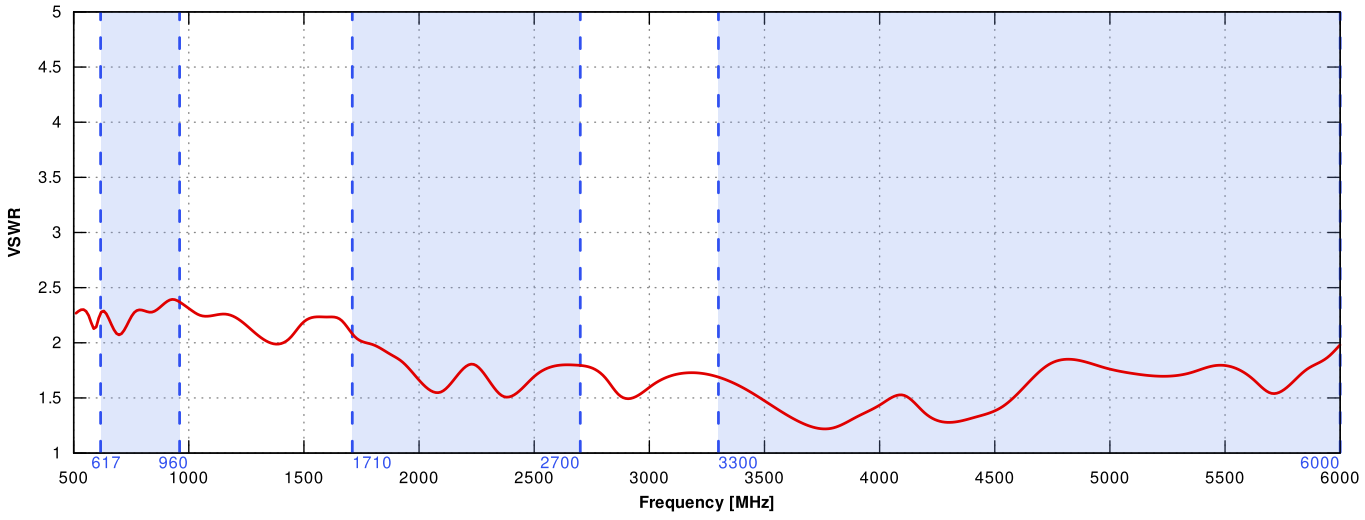
MATERIAL	Galvanized steel
WEIGHT	0.4kg
MOUNTING PLACE	Wall or mast
MAST DIAMETER	25-66 mm 0.98-2.60 inch

COMPATIBLE ROUTERS

VARIANT: -

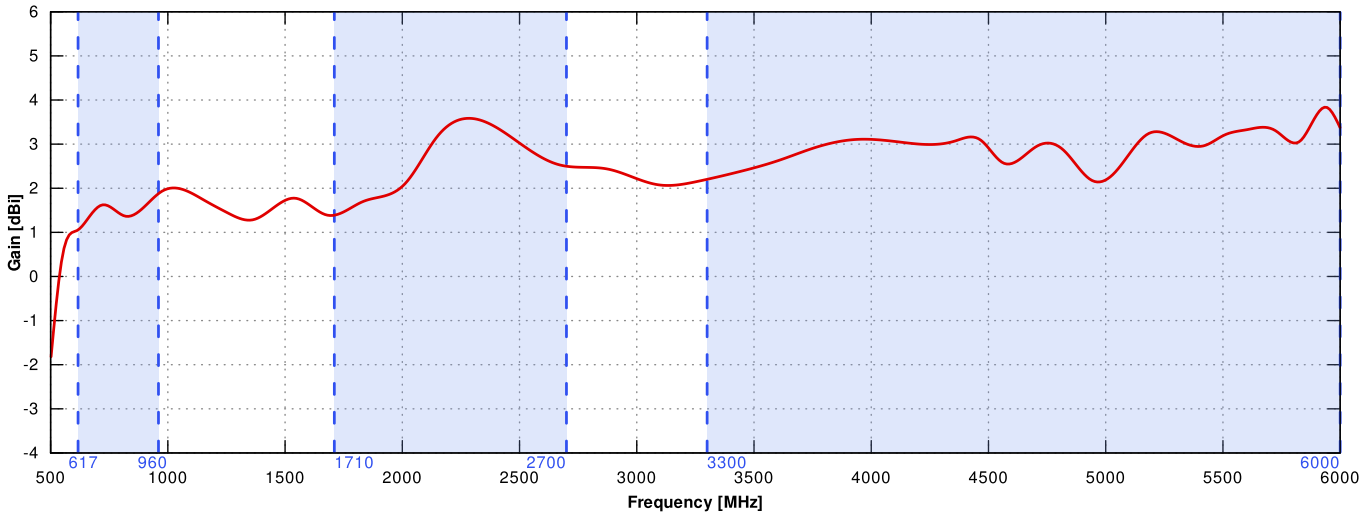
PLOTS

5G/LTE VSWR

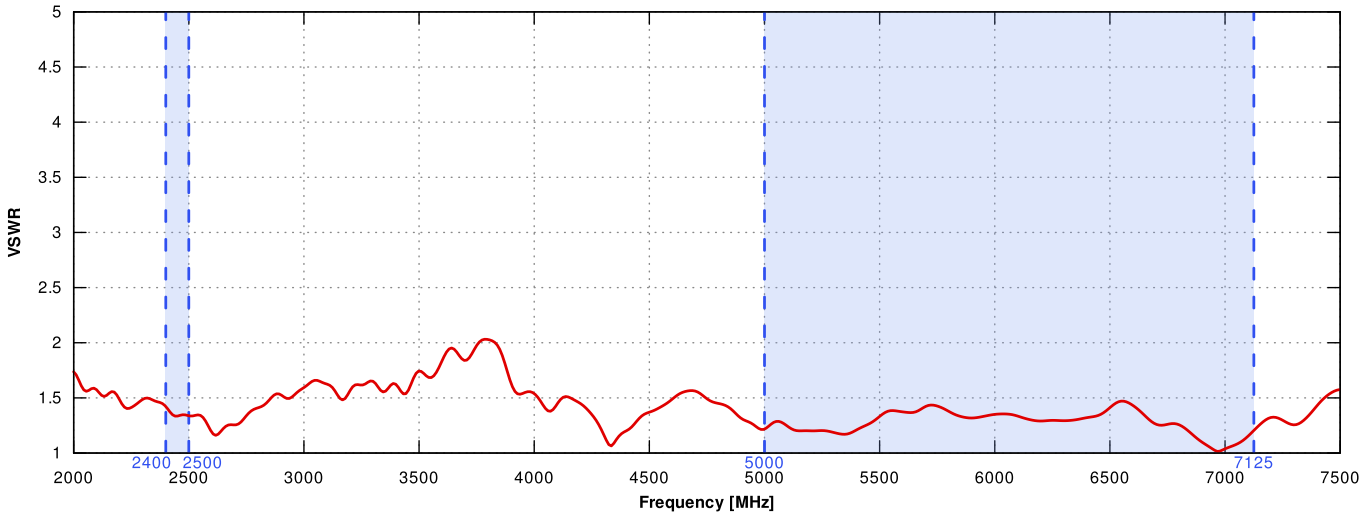


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5G/LTE GAIN

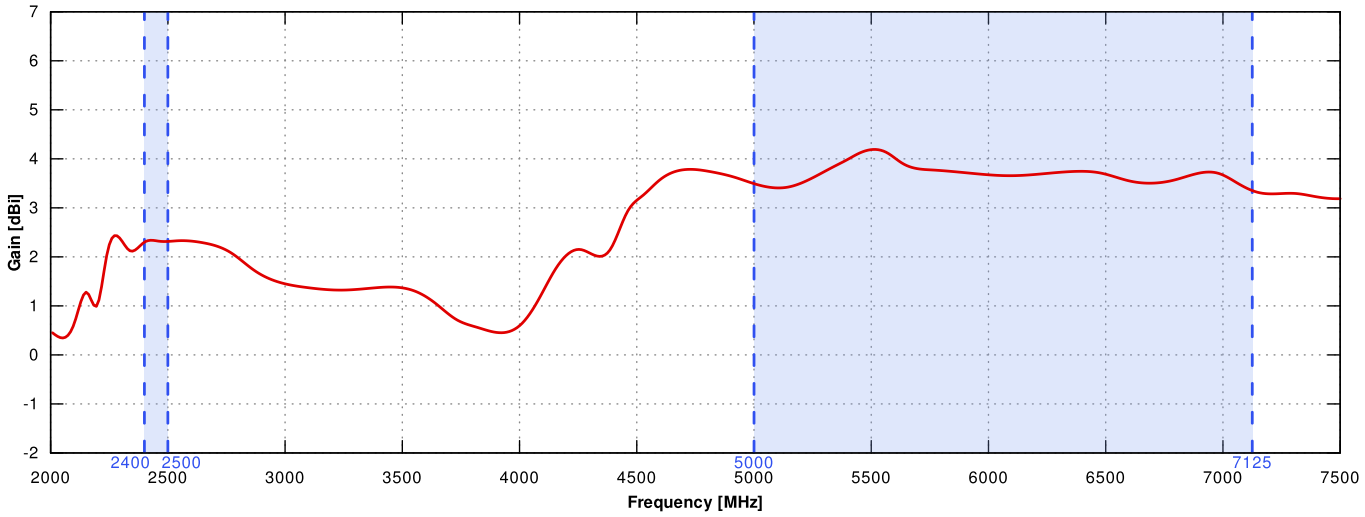


Wi-Fi - V VSWR



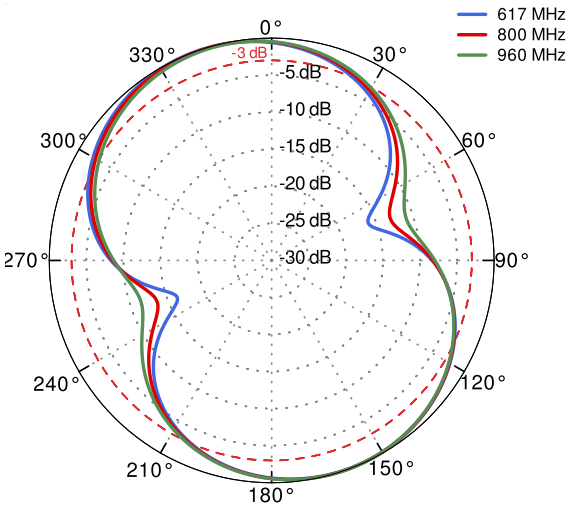
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Wi-Fi - V Gain

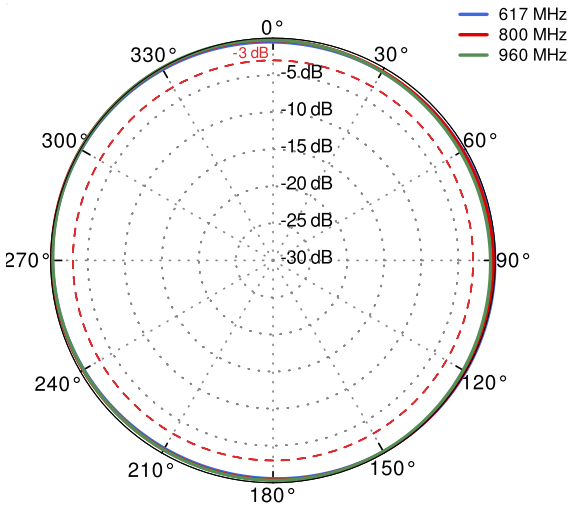


5G/LTE from 617MHz to 960MHz

ELEVATION



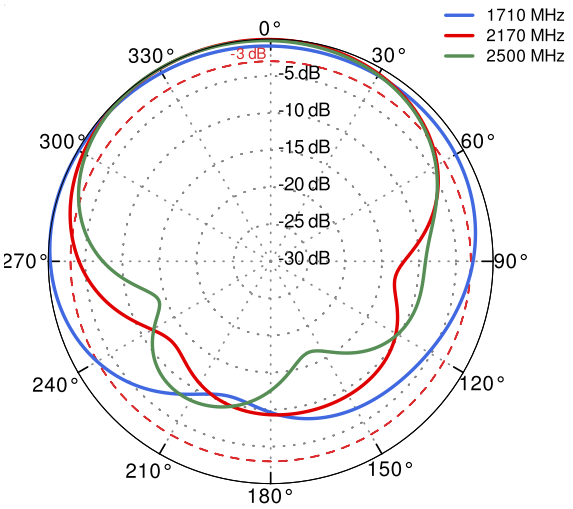
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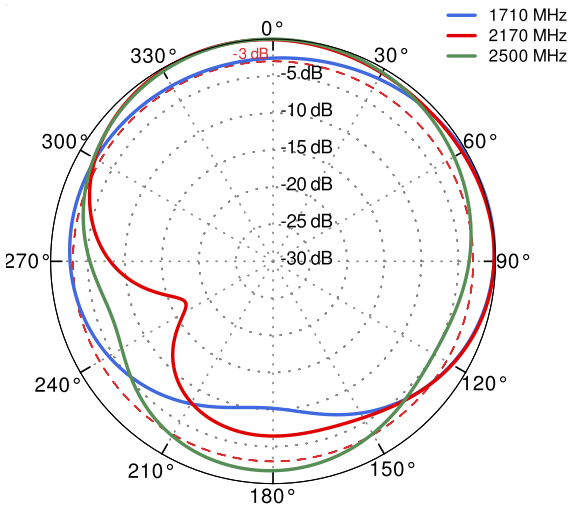
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5G/LTE from 1.71GHz to 2.7GHz

ELEVATION

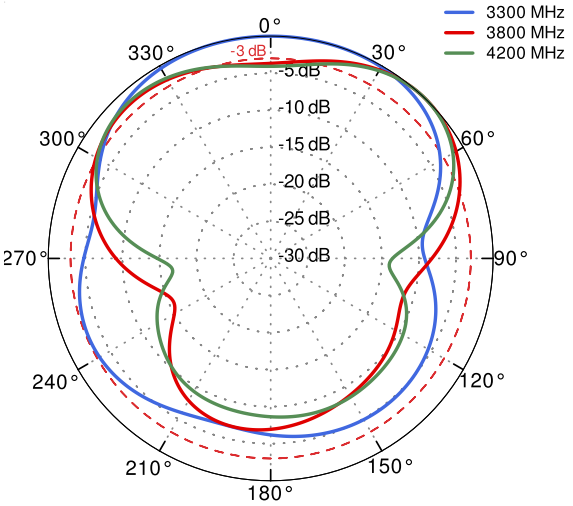


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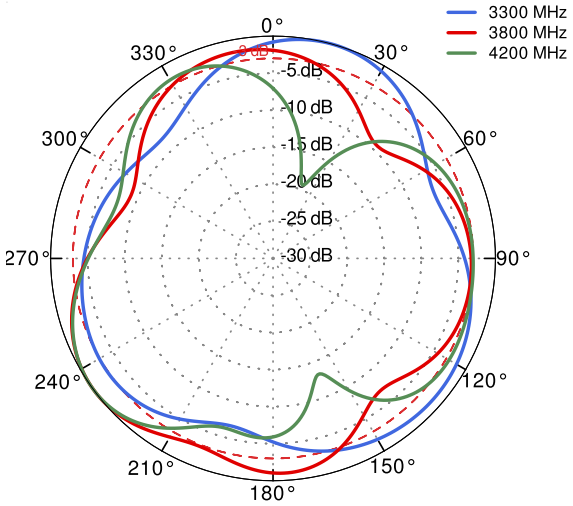


5G/LTE from 3.3GHz to 4.2GHz

ELEVATION



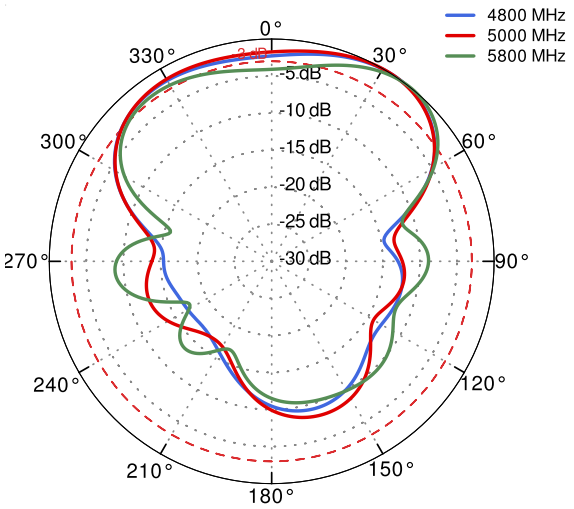
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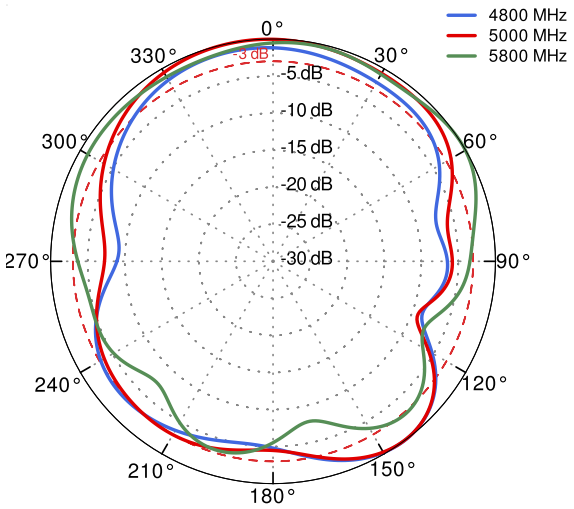
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5G/LTE from 4.8GHz to 5.8GHz

ELEVATION

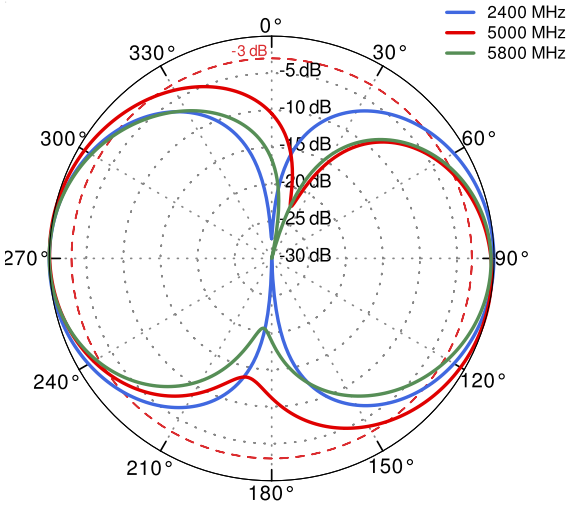


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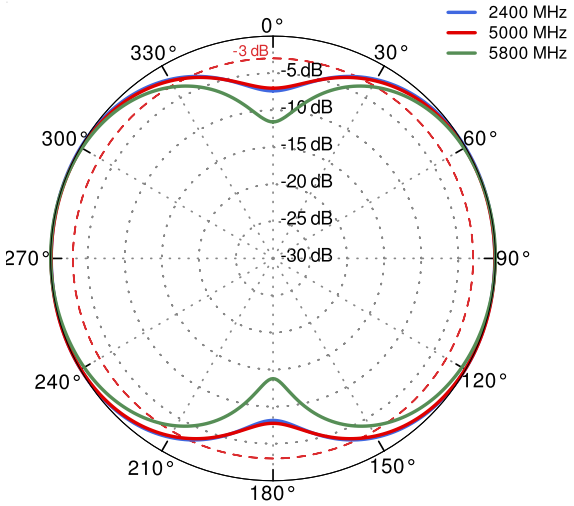


Wi-Fi V From 2.4 GHz to 6.5 GHz

ELEVATION

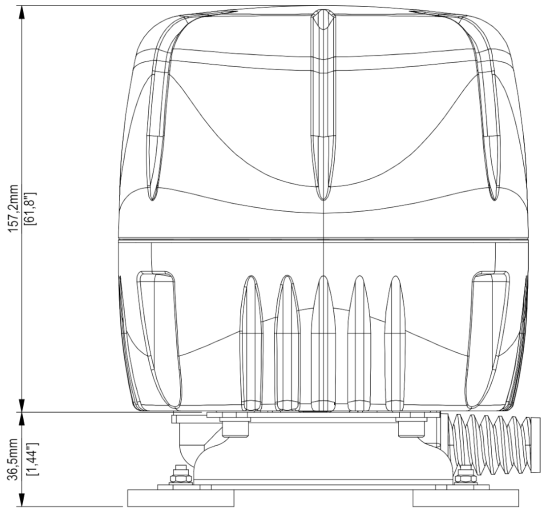


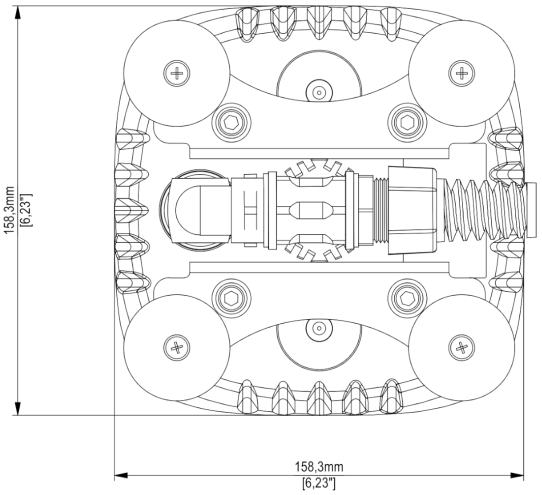
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DIMENSIONS





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