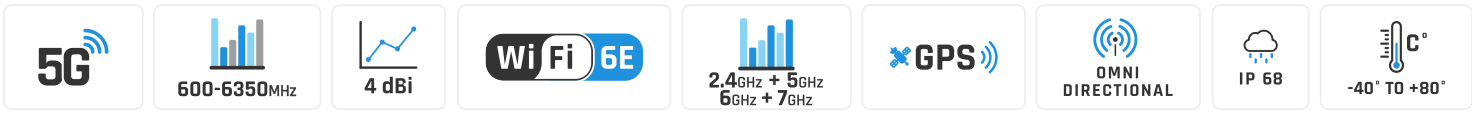
QuCube for Teltonika RUT9xx

INTEGRATED MULTI-BAND LTE & 5G OMNI ANTENNA + WI-FI ANTENNA + GPS ANTENNA + PLACE TO INSTALL TELTONIKA RUT986/RUT976/RUT955/RUT956/RUT906 (ALL-IN-ONE)

QuCube for Teltonika RUT9xx is a revolutionary outdoor antenna solution that combines minimized dimensions with exceptional antenna performance. Designed specifically as an **antenna for Teltonika RUT986, RUT976, RUT955, RUT956 and RUT906 routers**, it delivers reliable, high-speed wireless connectivity in even the most demanding environments.

This all-in-one unit integrates high-gain omnidirectional **5G, Wi-Fi and GPS antennas** with Teltonika routers into a compact, rugged **IP68-rated waterproof enclosure**. The integration reduces installation complexity while enabling rapid deployment of advanced outdoor 5G solutions.

Engineered for outdoor and mobile applications, **QuCube** is ideal for use in transportation systems, for underground connectivity or urban and public installations. It ensures consistent performance wherever dependable connectivity is essential.





5G/LTE SPECIFICATION

FREQUENCY	0.58 - 2.0 GHz 2.0 - 3.5 GHz 3.5 - 5.0 GHz 5.0 - 6.35 GHz
MAX. GAIN	0.58 - 2.0 GHz : 2 dBi 2.0 - 3.5 GHz : 3.2 dBi 3.5 - 5.0 GHz : 3.1 dBi 5.0 - 6.35 GHz : 3.8 dBi
SUPPORTED LTE BANDS	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 65, 66, 67, 68, 69, 70, 71, 74, 75, 76, 85, 103, 106, 107, 111, 252, 253, 254, 255, 256
SUPPORTED 5G BANDS	n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n24, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n46, n47, n48, n50, n51, n53, n54, n65, n66, n67, n68, n70, n71, n74, n75, n76, n77, n78, n79, n80, n81, n82, n83, n84, n85, n86, n89, n90, n91, n92, n93, n94, n95, n97, n98, n99, n100, n101, n105, n106, n109, n110, n250, n251, n252, n253, n254, n255, n256
VSWR	<2.50, max <3.00
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

WI-FI SPECIFICATION

FREQUENCY	2.4 - 2.5 GHz 5 - 7.2 GHz
MAX. 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

RADOME MATERIAL	UV-resistant ASA
OPERATING HUMIDITY	up to 100% RH
CONNECTOR	QuRJ45
OUTER DIMENSIONS	160 x 160 x 155 mm 6.3 x 6.3 x 6.10 inch
WEIGHT	1.5 kg
OPERATING TEMPERATURE	-40°C to 80°C -40°F to 176°F
INGRESS PROTECTION	IP67 and IP68

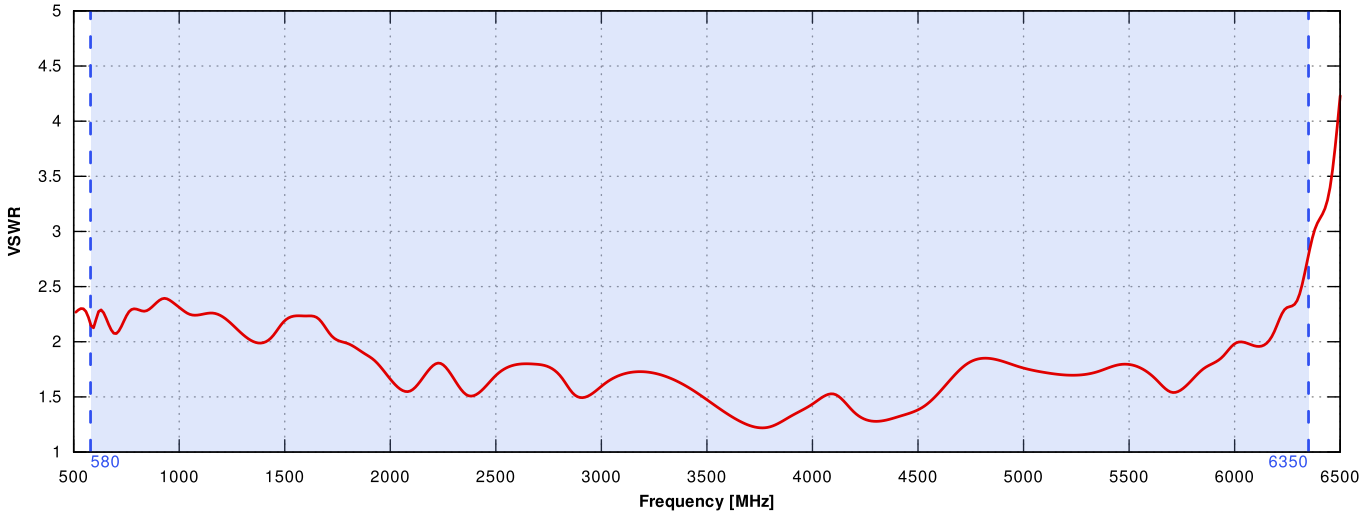
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

MOUNTING KIT

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

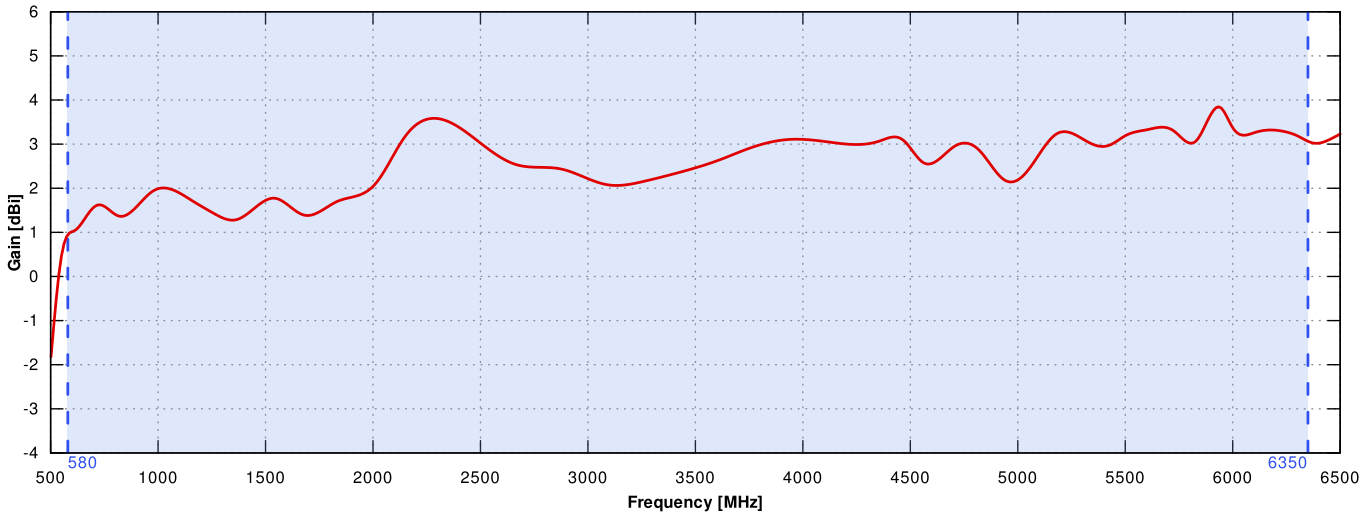
PLOTS

5G/LTE VSWR

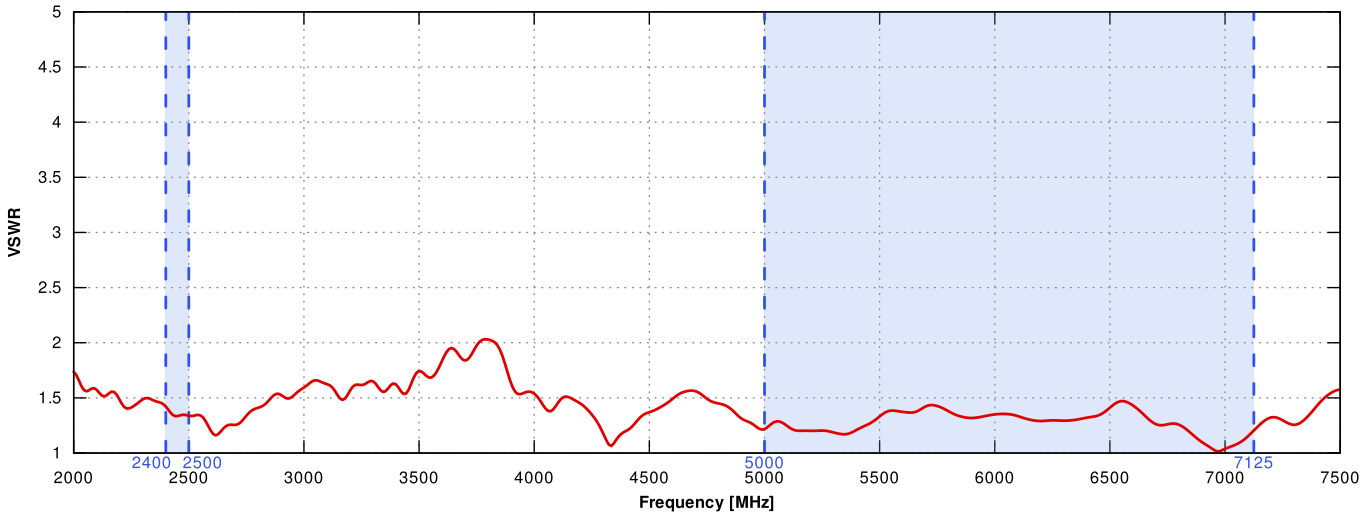


Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

5G/LTE GAIN

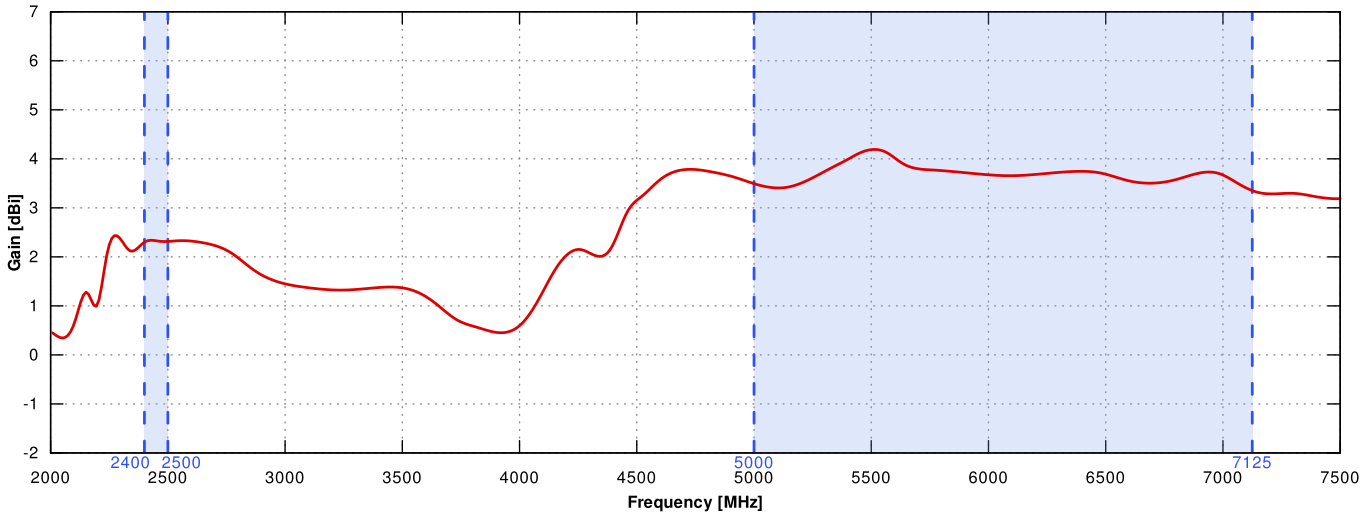


Wi-Fi - V VSWR



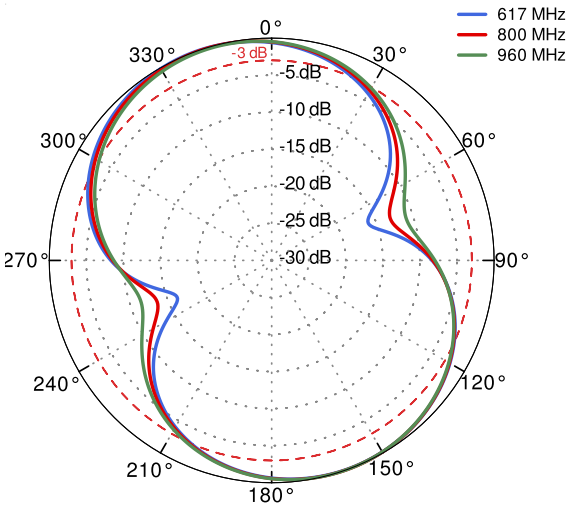
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

Wi-Fi - V Gain

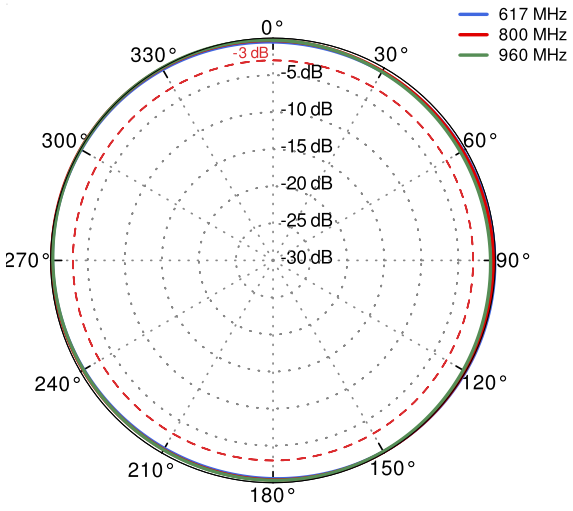


5G/LTE from 617MHz to 960MHz

ELEVATION



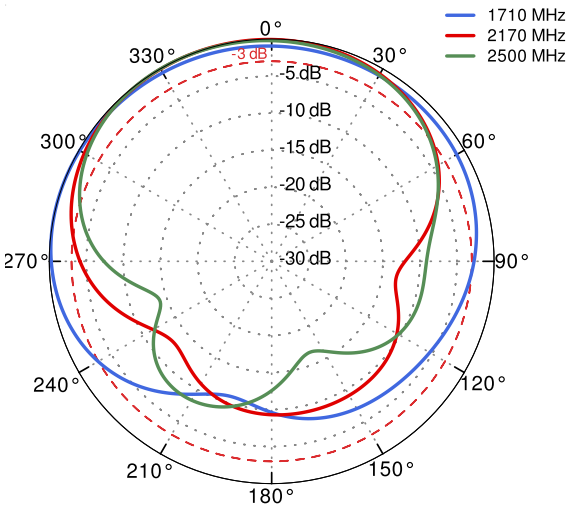
AZIMUTH



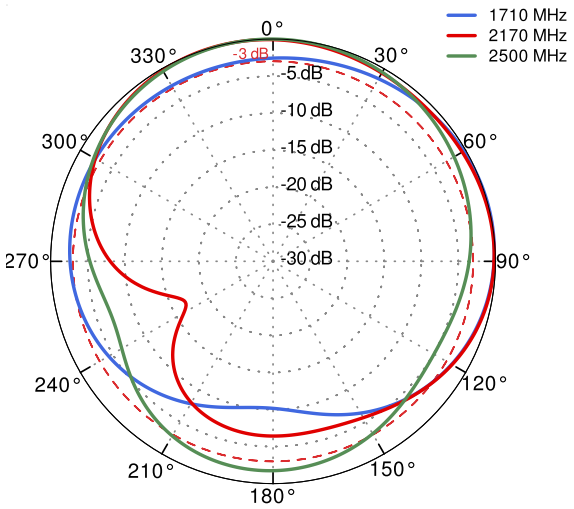
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

5G/LTE from 1.71GHz to 2.7GHz

ELEVATION

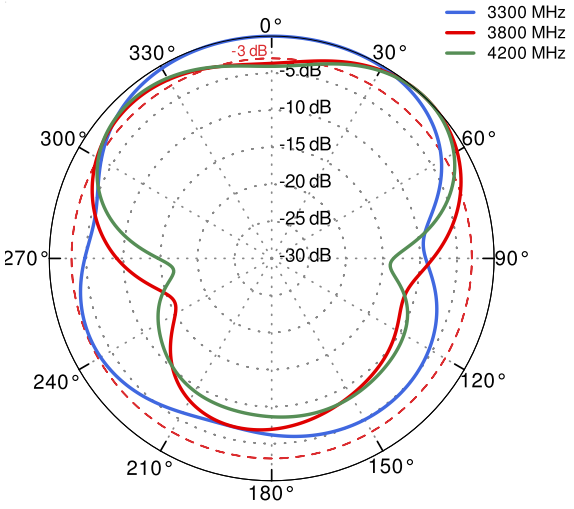


AZIMUTH

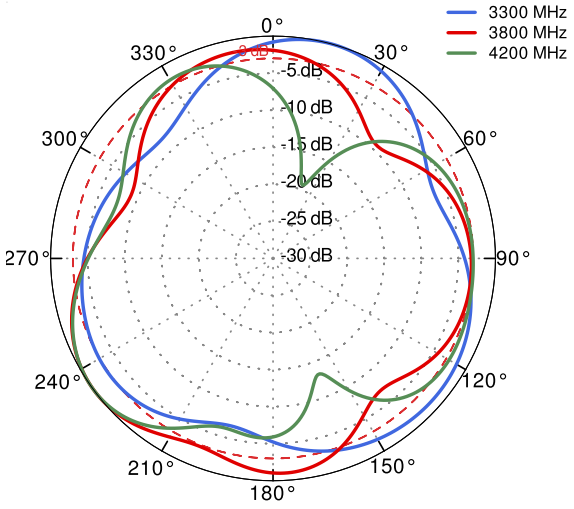


5G/LTE from 3.3GHz to 4.2GHz

ELEVATION



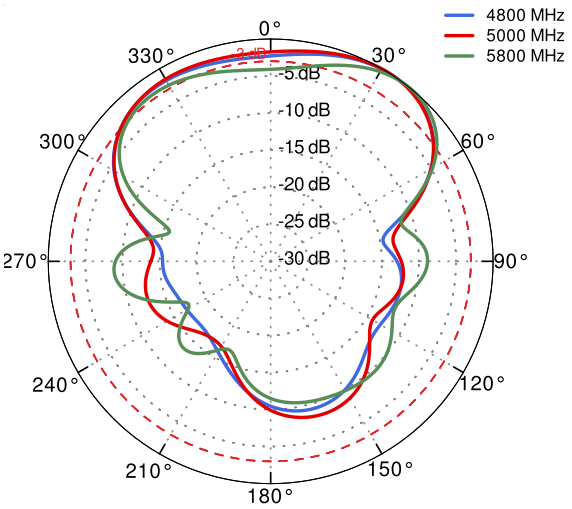
AZIMUTH



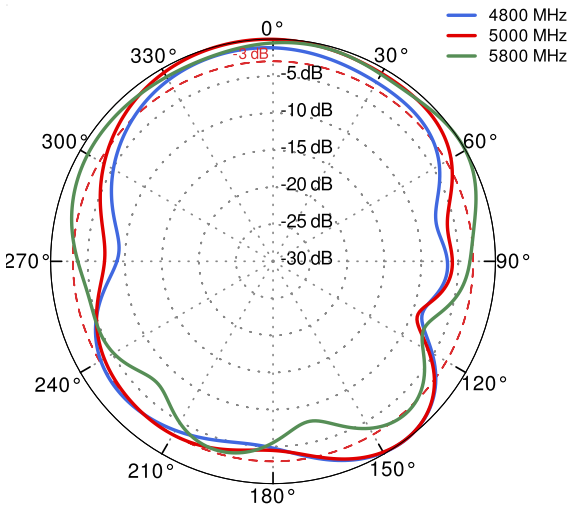
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

5G/LTE from 4.8GHz to 5.8GHz

ELEVATION

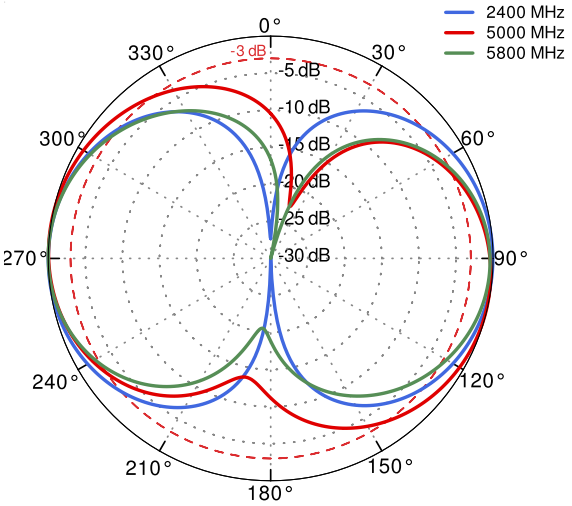


AZIMUTH

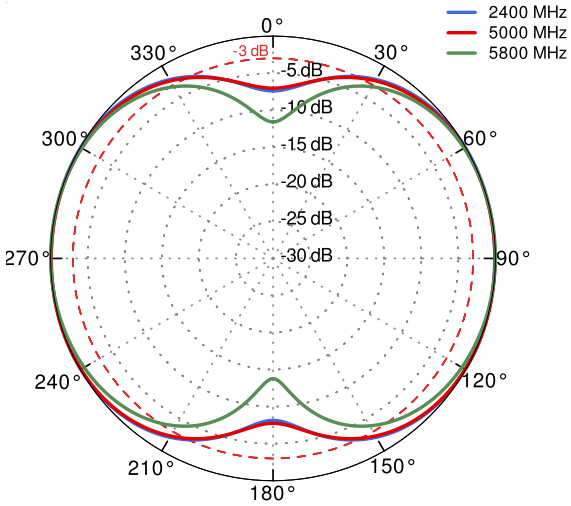


Wi-Fi V From 2.4 GHz to 6.5 GHz

ELEVATION

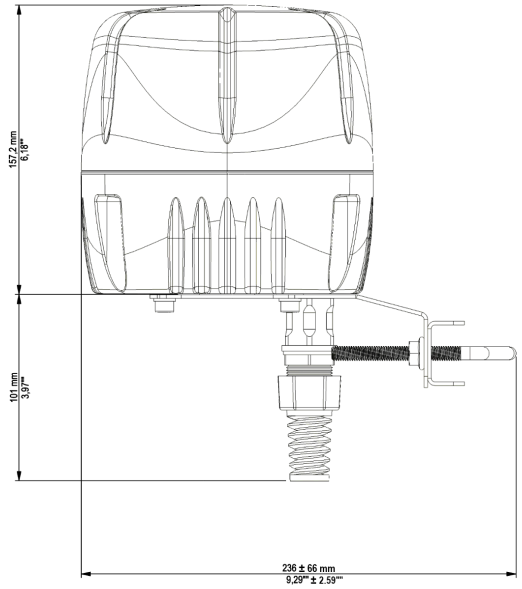


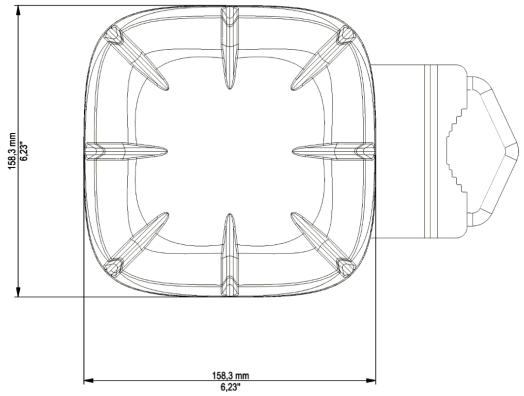
AZIMUTH



Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

DIMENSIONS





WWW.QUWIRELESS.COM

Sales email: sales@quwireless.com **Tel:** +48 513 900 416

Support email: support@quwireless.com **Website:** www.quwireless.com

Address: Wireless Instruments Sp. z o.o., ul. Kościuszki 27, 52-116 Iwiny, Poland

Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.