QuCube for Teltonika TRB236

INTEGRATED MULTI-BAND 450MHZ OMNI ANTENNA + PASSIVE POE SPLITTER + PLACE TO INSTALL TELTONIKA TRB236 (ALL-IN-ONE)

QuCube for Teltonika TRB236 is a revolutionary outdoor antenna solution that combines minimized dimensions with exceptional antenna performance. Designed specifically as an **antenna for Teltonika TRB236 router**, it delivers reliable, high-speed wireless connectivity in even the most demanding environments.
This all-in-one unit integrates high-gain omnidirectional **450MHz antenna** with Teltonika router 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.
The set contains a Passive 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. **NOTE:** should only be used with a 24V (or lower voltage) Passive PoE power supply it is not compatible with an 802.3af/at power source!

ANTENNA SPECIFICATION

FREQUENCY	450 – 470 MHz 617 – 803 MHz 2000 – 2500 MHz
MAX. GAIN	450 – 470 MHz : 1 dBi 617 – 803 MHz : 2 dBi 2000 – 2500 MHz : 3.5 dBi
SUPPORTED BANDS	B12, B13, B14, B17, B28, B29, B30, B31, B34, B40, B44, B53, B67, B68, B71, B72, B73, B85, B103, n12, n13, n14, n28, n29, n30, n34, n40, n53, n67, n71, n83, n85, n95, n97
VSWR	<1.50, max <2.50
BEAMWIDTH	360°/35° ±5°
POLARIZATION	Vertical
IMPEDANCE	50 Ω

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
OPERATING TEMPERATURE	-40°C to 80°C -40°F to 176°F
INGRESS PROTECTION	IP67 and IP68

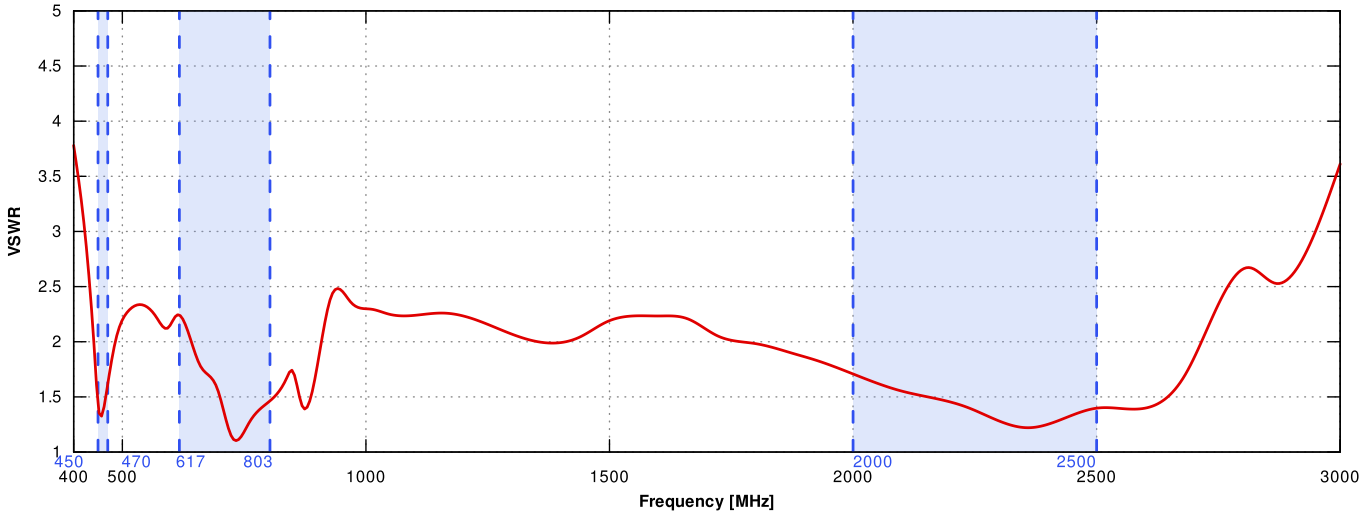
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

MOUNTING KIT

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

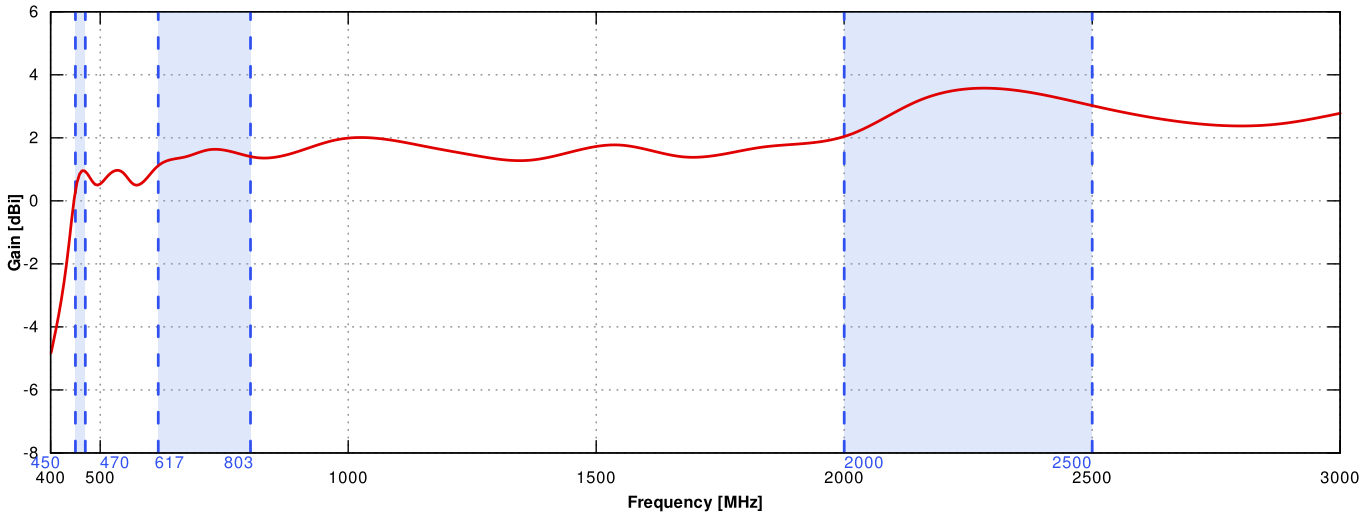
PLOTS

VSWR



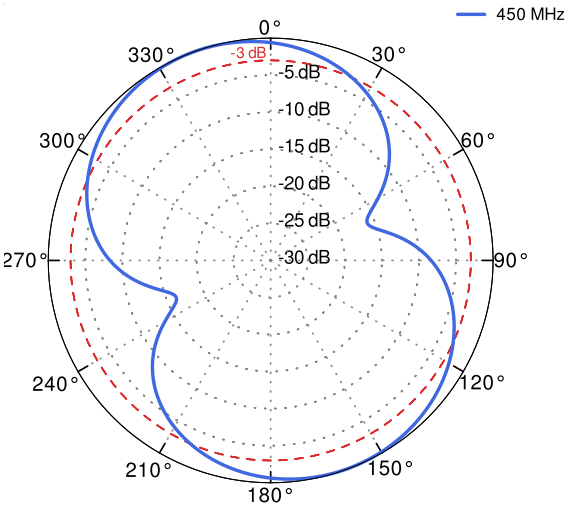
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

GAIN

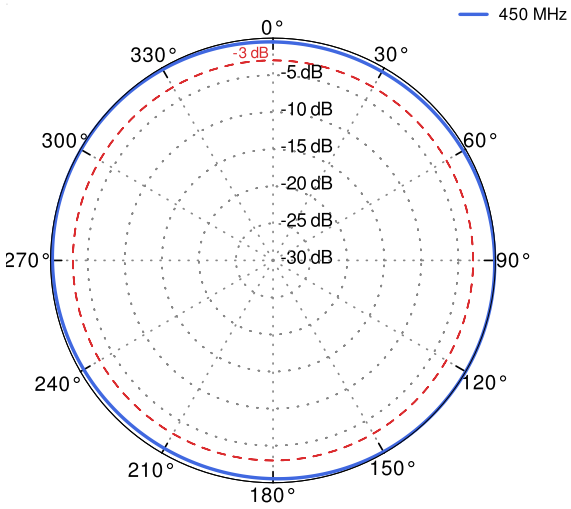


450MHz

ELEVATION



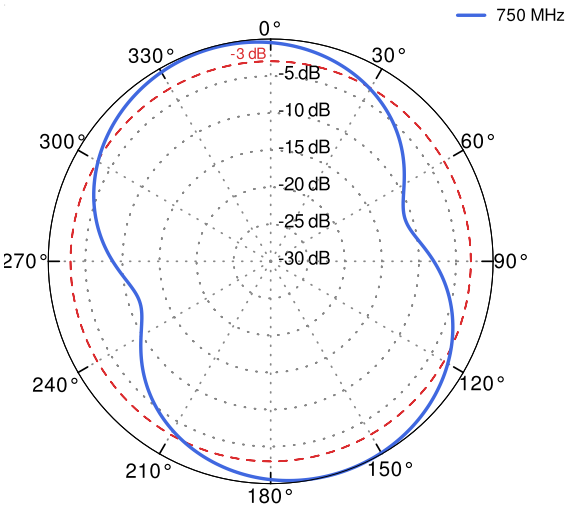
AZIMUTH



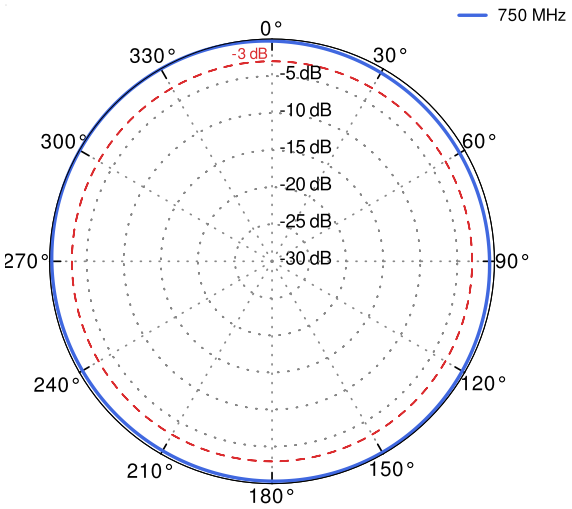
Copyright © 2023, Wireless Instruments. Specifications and information given in this document are subject to change without prior notice.

750MHz

ELEVATION

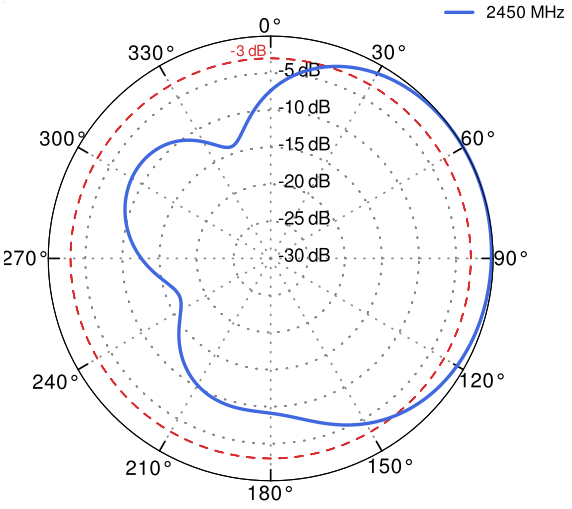


AZIMUTH

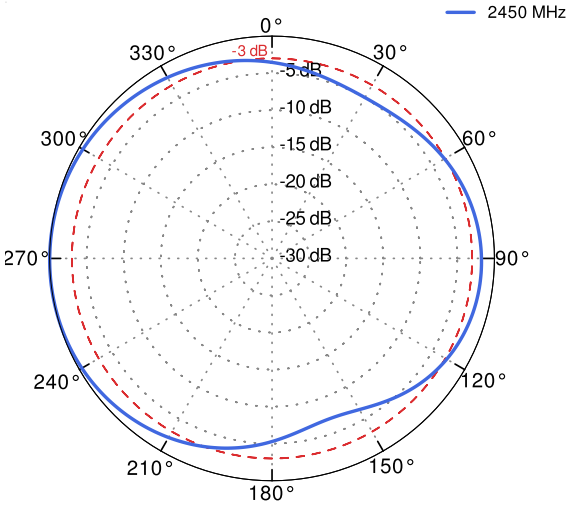


2450MHz

ELEVATION

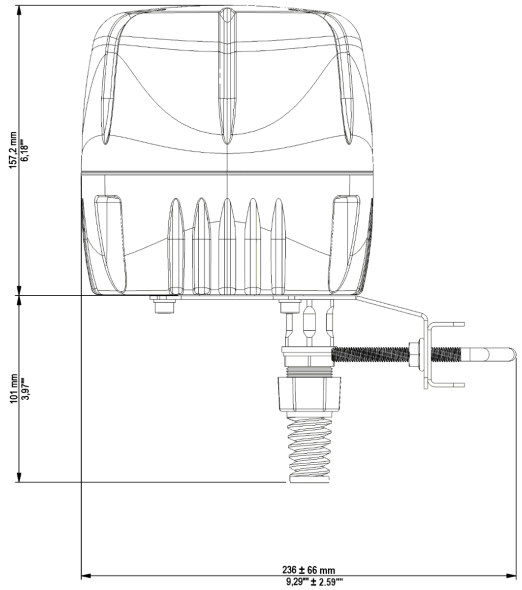


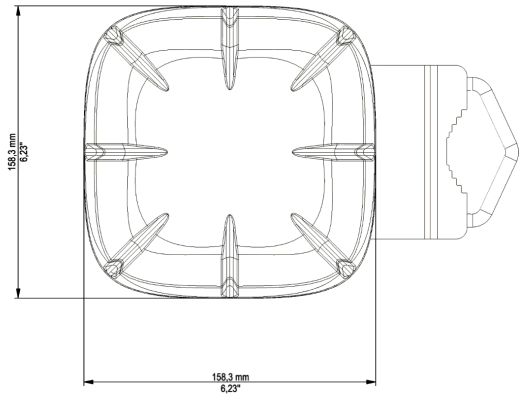
AZIMUTH



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.