

QuCube for Teltonika TRB160

INTEGRATED MULTI-BAND LTE & 5G OMNI ANTENNA + PLACE TO INSTALL TELTONIKA TRB160 (ALL-IN-ONE)

QuCube for Teltonika TRB160 is a revolutionary outdoor antenna solution that combines minimized dimensions with exceptional antenna performance. Designed specifically as an **antenna for Teltonika TRB160 router**, it delivers reliable, high-speed wireless connectivity in even the most demanding environments.

This all-in-one unit integrates high-gain omnidirectional **5G 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
617-6000MHz
4 dBi
**OMNI
DIRECTIONAL**
IP 68
-40° TO +80°

OUTDOOR ANTENNA WORKS IN **ANY
WEATHER CONDITIONS**, IP68



ANTENNA **PERFECTLY MATCHED** WITH
THE ROUTER



MADE IN **EUROPE**



5G/LTE SPECIFICATION

FREQUENCY	617 - 960 MHz 1.7 - 2.7 GHz 3.3 - 3.8 GHz 4.2 - 6.0 GHz
GAIN	617 - 960 MHz : 2 dBi 1.7 - 2.7 GHz : 3 dBi 3.3 - 3.8 GHz : 3 dBi 4.2 - 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, 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, n47, n48, n53, n65, n66, n67, n71, n77, n78, 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

MECHANICAL SPECIFICATION

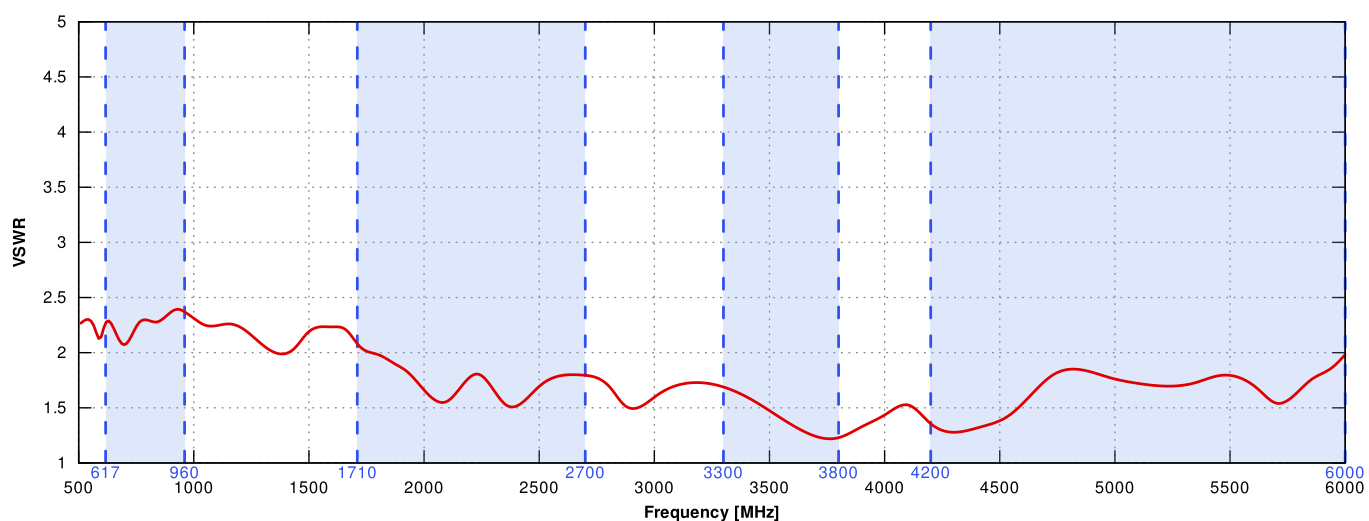
MATERIAL	ABS
CONNECTOR	QuRJ45
OUTER DIMENSIONS	160 x 160 x 155 mm 6.3 x 6.3 x 6.10 inch
WEIGHT	1.5 kg
OPERATING TEMPERATURE	-40°C to 80°C -40°F to 176°F
INGRESS PROTECTION	IP68

MOUNTING KIT

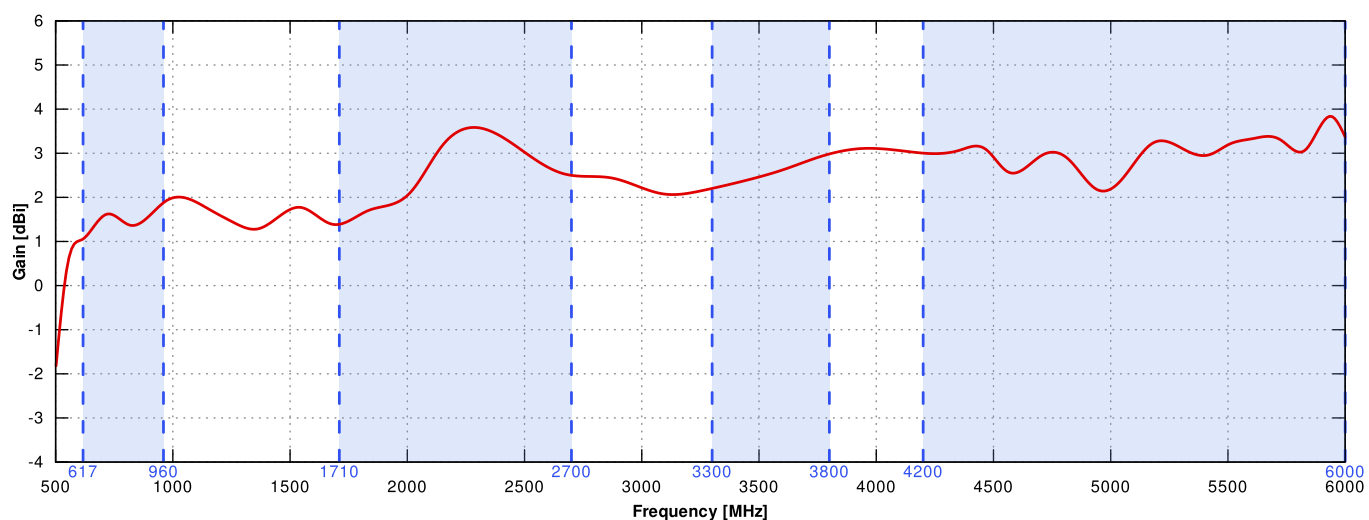
MATERIAL	Galvanized steel
WEIGHT	0.4kg
MOUNTING PLACE	Wall or ceiling or mast
MAST DIAMETER	40-66 mm 1.57-2.60 inch

PLOTS

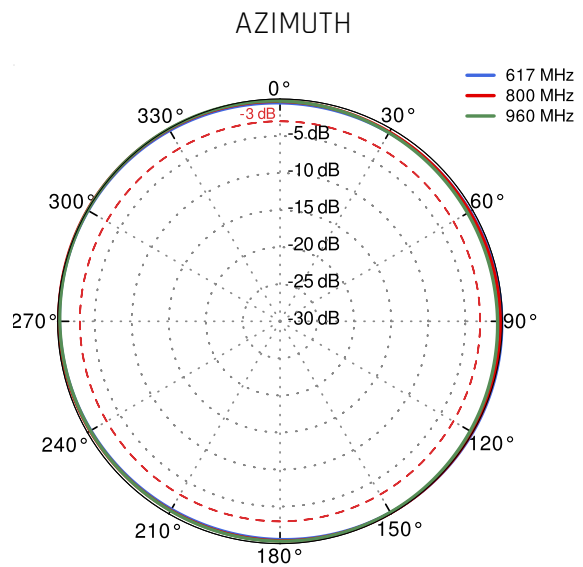
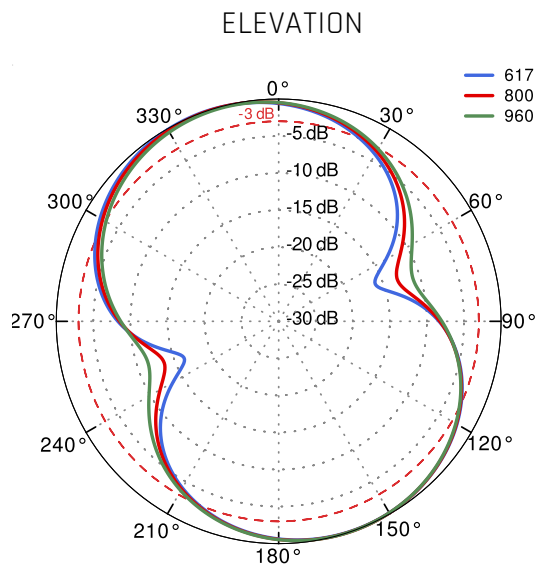
5G/LTE VSWR



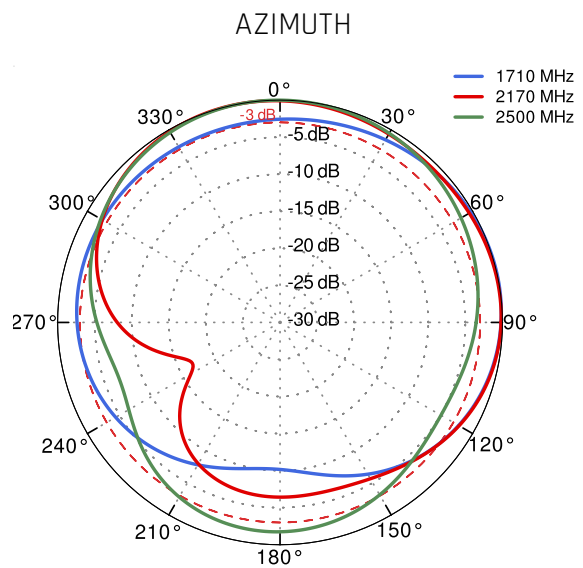
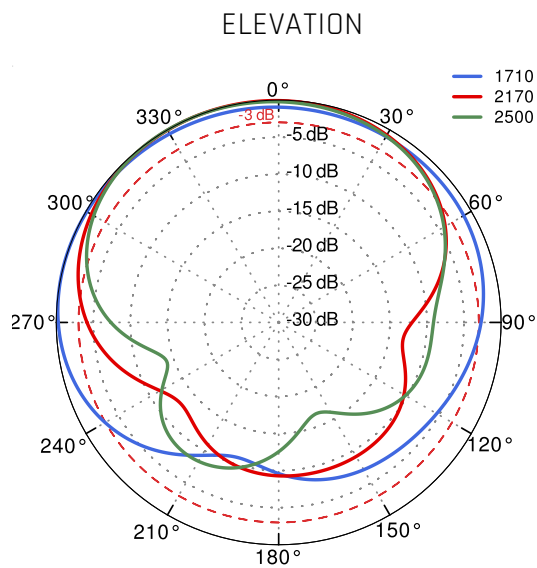
5G/LTE GAIN



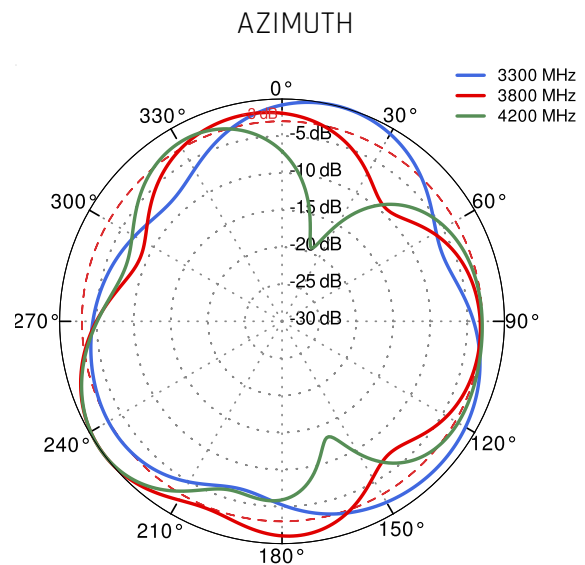
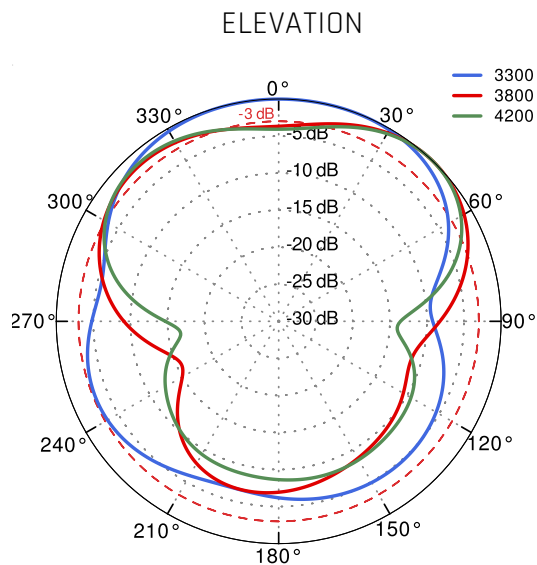
5G/LTE from 617MHz to 960MHz



5G/LTE from 1.71GHz to 2.7GHz



5G/LTE from 3.3GHz to 4.2GHz



5G/LTE from 4.8GHz to 5.8GHz

