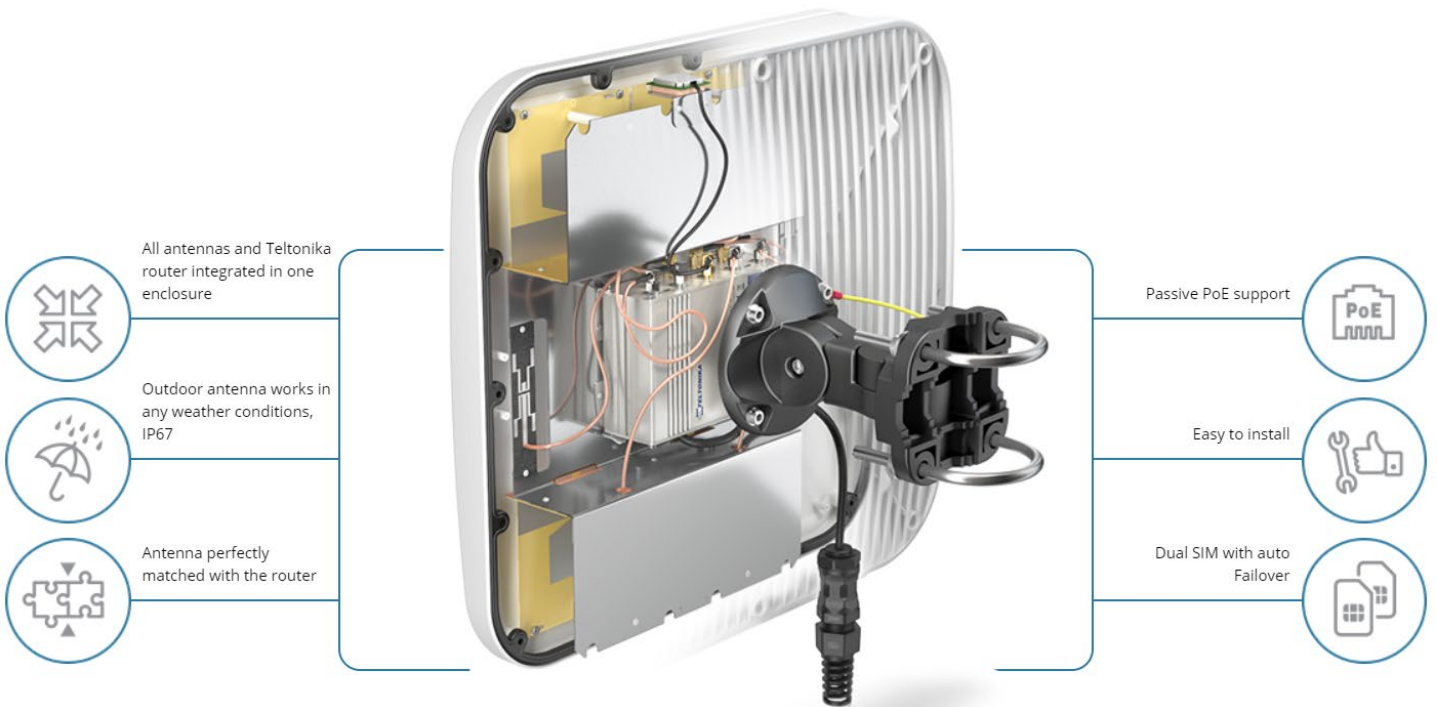


QuMax for Teltonika RUTX12

P/N: AX12M

Integrated MIMO 4x4 multi-band LTE directional antenna + Wi-Fi omni antennas + GPS antenna + Bluetooth antenna + place to install Teltonika RUTX12 (All-in-one)

QuMax MIMO 4x4 directional LTE antenna (4x SMA connector for 2x embedded LTE modems) for Teltonika RUTX12 router is a perfect outdoor device for mobile and fixed installations like industrial, CCTV, hotspots etc. It also has embedded Wi-Fi dual band 2.4 & 5 GHz omni antennas, GPS antenna and Bluetooth antenna. It is designed to have Teltonika RUTX12 router installed inside IP67 enclosure. If you use RUTX12 with QuMax antenna, you get an integrated complete solution with embedded router and multi band antennas in one enclosure.



LTE ANTENNA SPECIFICATION

Frequency	0.694 - 0.96 GHz
	1.7 - 2.2 GHz
	2.2 - 2.7 GHz
Supported LTE/5G bands	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 23, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 44, 53, 59, 62, 65, 66, 67, 68, 69, 85, n80, n81, n82, n83, n84, n86, n89, n90, n95
Gain	0.694 - 0.96 GHz : 4 dBi
	1.7 - 2.2 GHz : 5 dBi
	2.2 - 2.7 GHz : 6 dBi

Front-to-Back >8 dB

VSWR <1.30, max <1.80

Beamwidth 90°/90° ±30°

Polarization Vertical

Impedance 50 Ω

WI-FI ANTENNA SPECIFICATION

Frequency	2.40 - 2.50 GHz
	4.70 - 6.00 GHz
Gain	2.40 - 2.50 GHz : 6 dBi
	4.70 - 6.00 GHz : 7 dBi

VSWR <1.70, max <2.00

Beamwidth 360°/25° ±5°

Polarization Vertical

Impedance 50 Ω

BLUETOOTH ANTENNA SPECIFICATION

Frequency	2.30 - 2.60 GHz
Gain	3 dBi
VSWR	<1.70, max <2.00

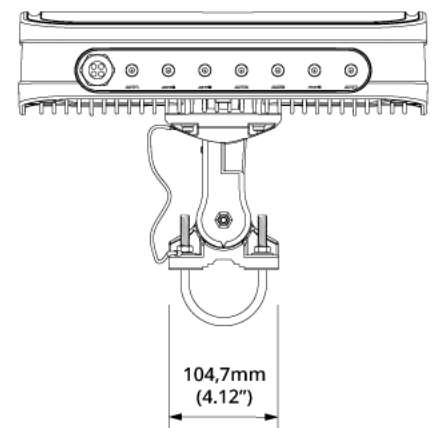
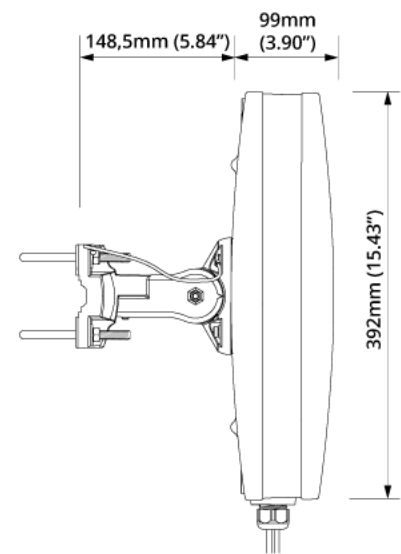
Beamwidth 360°/25° ±5°

Polarization Vertical

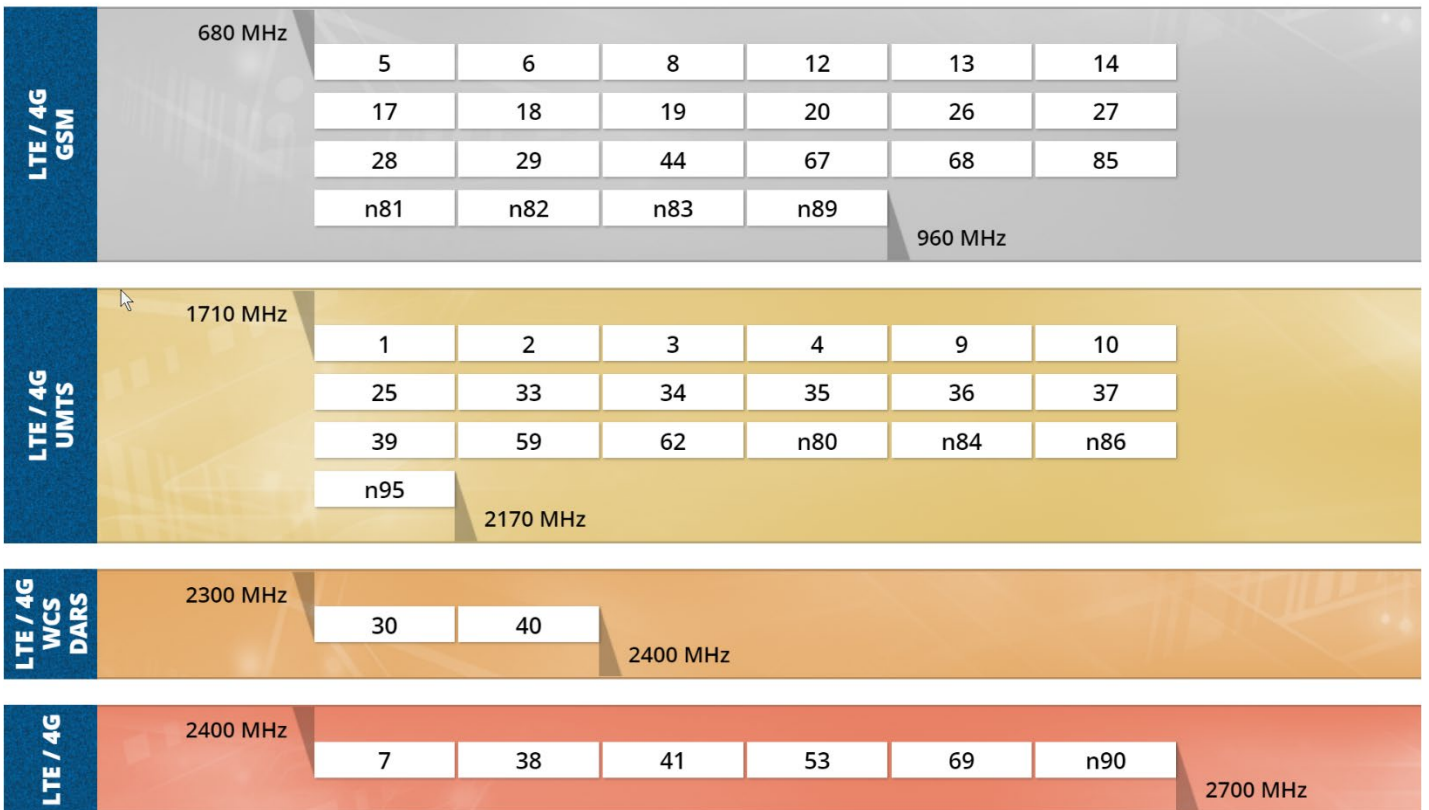
Impedance 50 Ω

MECHANICAL SPECIFICATION

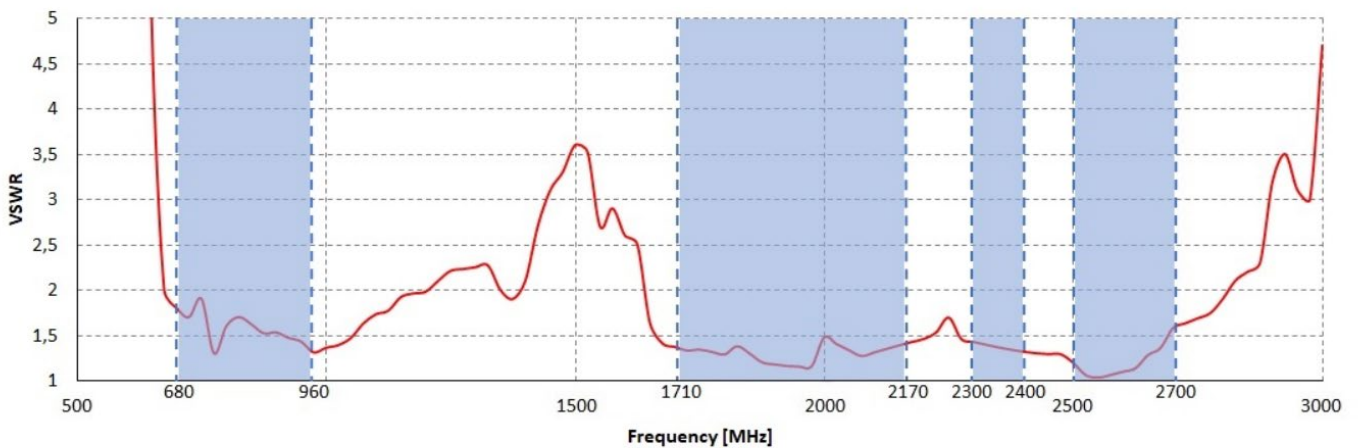
Materials	ABS, aluminum, PTFE, Fiberglass
Connector type	RJ45
Ingress protection	IP67
Dimensions	392 x 392 x 99 mm
	15.43 x 15.43 x 3.90 inch
Weight	3.7 kg
	8.16 lbs
Operating temperature	From -40°C to 75°C
	From -40°F to 167°F



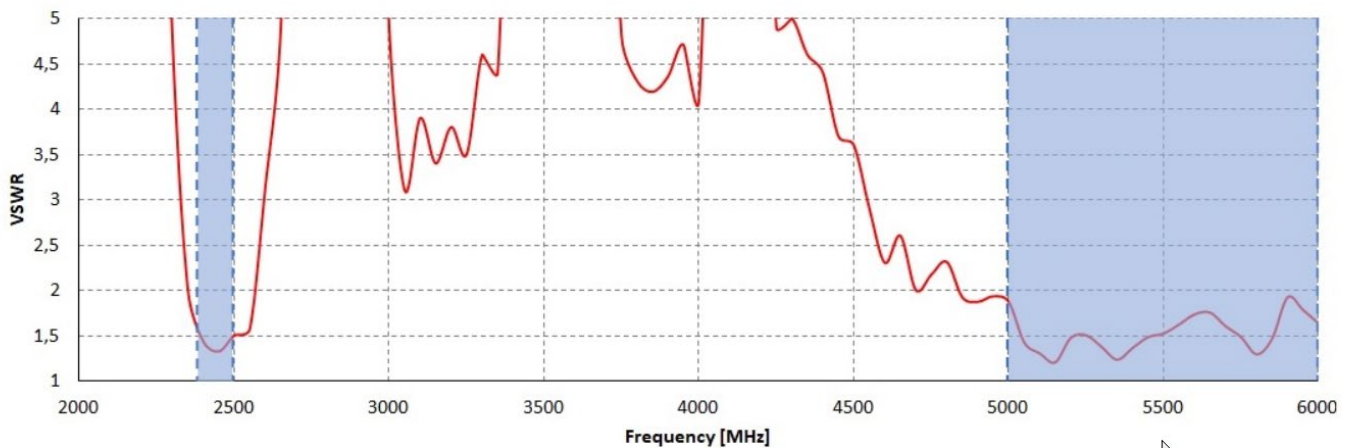
FREQUENCY BANDS



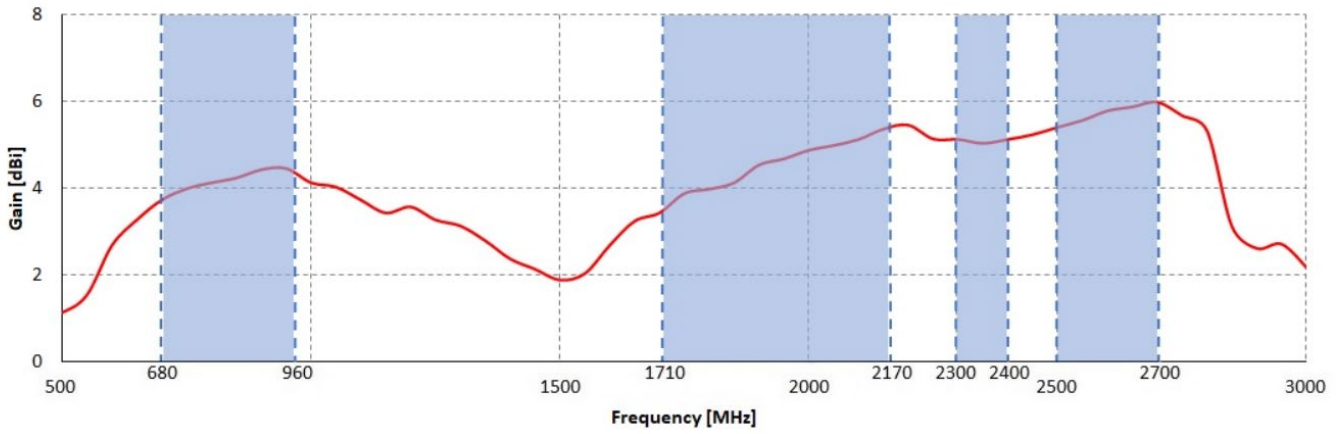
VSWR for LTE antenna



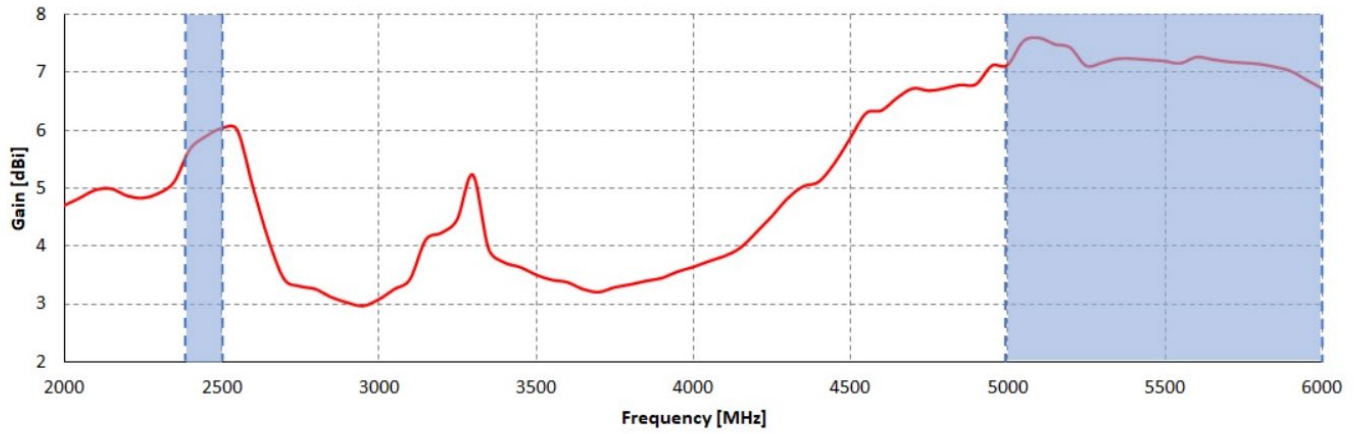
VSWR for Wi-Fi antenna



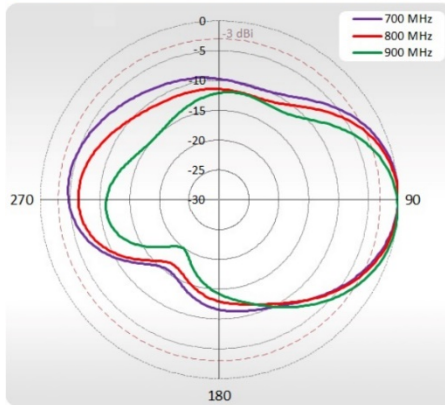
Gain for LTE antenna



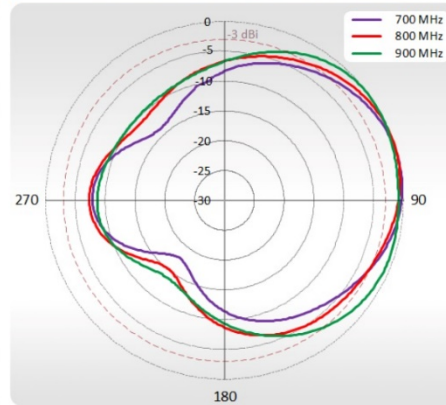
Gain for Wi-Fi antenna



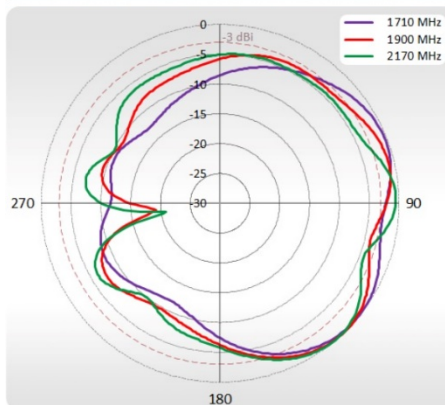
700-900 MHz Azimuth



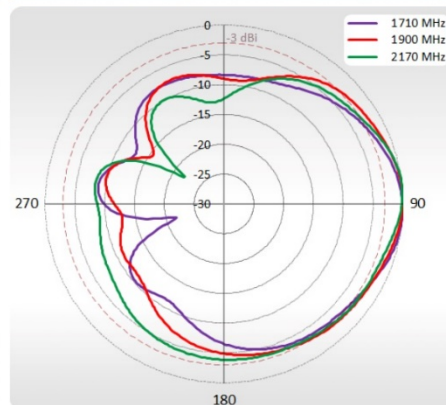
700-900 MHz Elevation



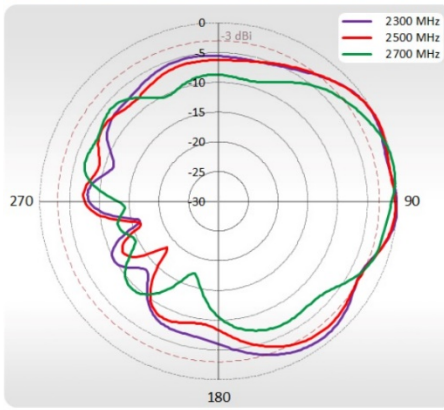
1710-2170 MHz Azimuth



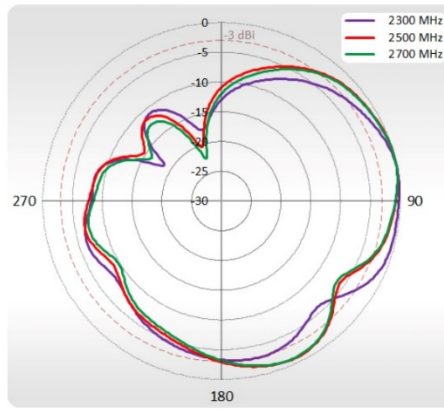
1710-2170 MHz Elevation



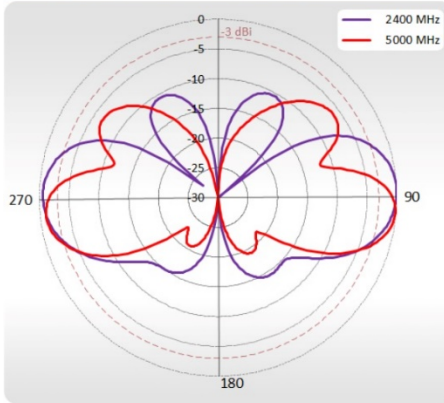
2300-2700 MHz Azimuth



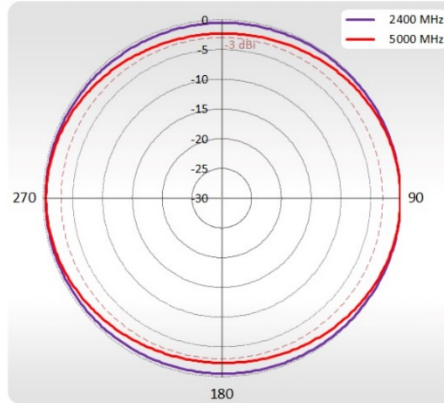
2300-2700 MHz Elevation



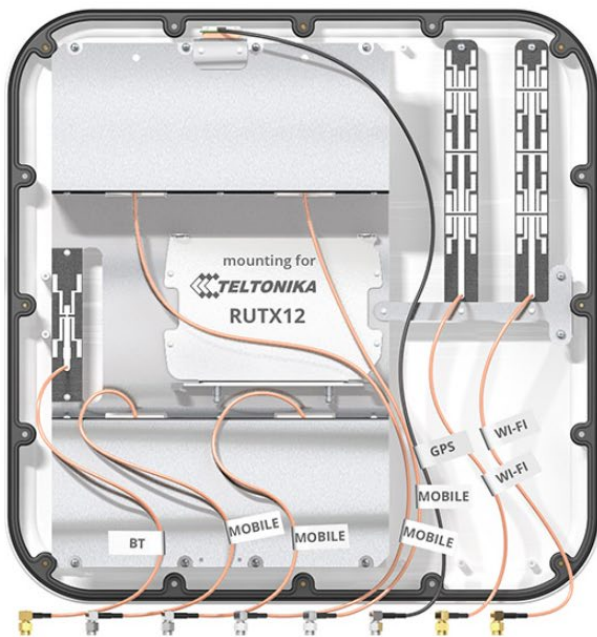
Azimuth



Elevation



IN THE BOX



IN THE BOX

QuMax
for RUT
X12

Designed for
TELTONIKA

