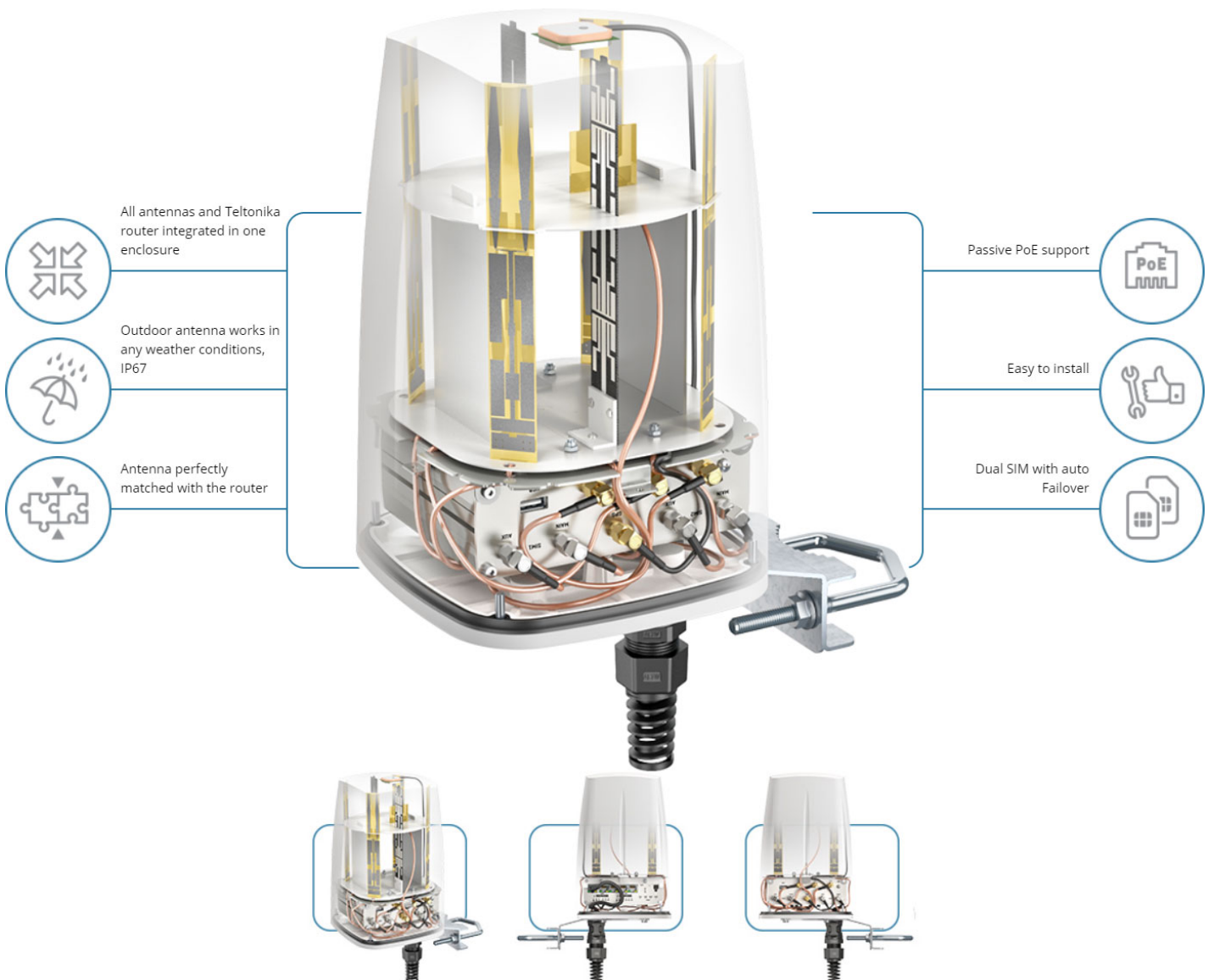


QuSpot for Teltonika RUTX12

P/N: AX12S

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

QuSpot MIMO 4x4 omni 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, yachts, boats, campers, RV etc. It also has embedded Wi-Fi dual band 2.4 & 5 GHz omni antennas, GPS antenna and Bluetooth antenna. If you use RUTX12 with QuSpot 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 2.5 - 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, 33, 34, 35, 36, 37, 38, 39, 44, 59, 62, 65, 66, 67, 68, 69, 85, n80, n81, n82, n83, n84, n86, n89, n95
Gain	0.694 - 0.96 GHz : 2 dBi 1.7 - 2.2 GHz : 2 dBi 2.5 - 2.7 GHz : 3 dBi
VSWR	<1.50, max <2.50
Beamwidth	360°/25° ±5°
Polarization	Vertical
Impedance	50 Ω

WI-FI ANTENNA SPECIFICATION

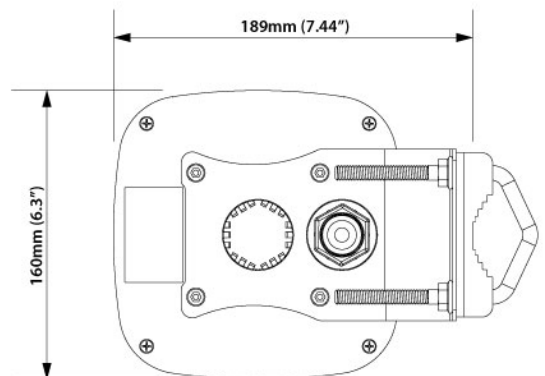
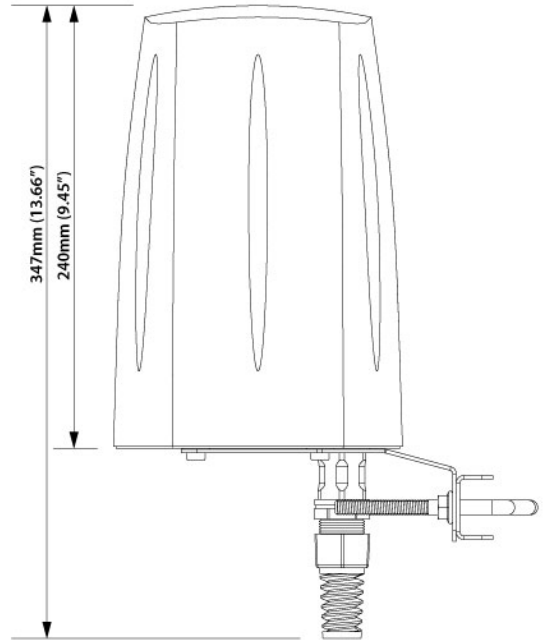
Frequency	2.40 - 2.50 GHz 4.70 - 6.00 GHz
Gain	2.40 - 2.50 GHz : 6 dBi 4.70 - 6.00 GHz : 7 dBi
VSWR	<1.70, max <2.00
Beamwidth	360°/25° ±5°
Polarization	Vertical
Impedance	50 Ω

BLUETOOTH ANTENNA SPECIFICATION

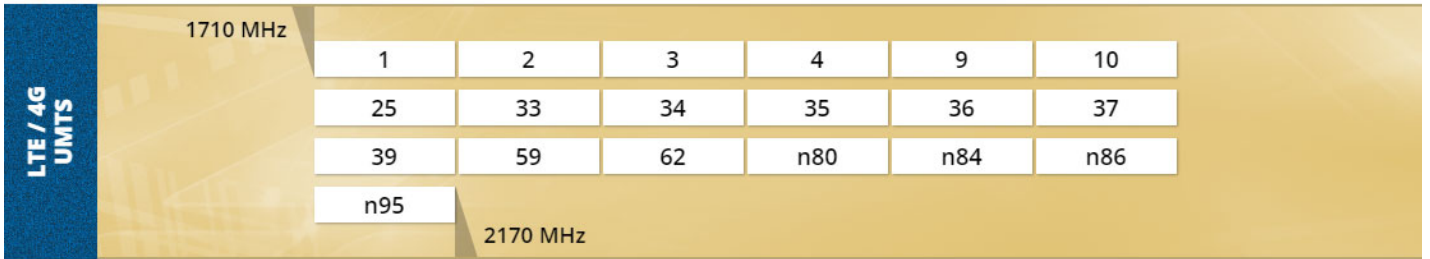
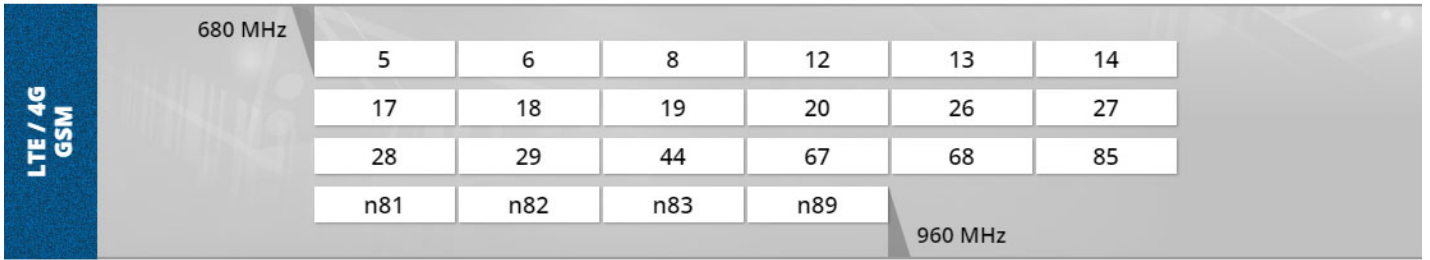
Frequency	2.20 - 2.70 GHz
Gain	2 dBi
VSWR	<1.70, max <2.00
Beamwidth	360°/25° ±5°
Polarization	Vertical
Impedance	50 Ω

MECHANICAL SPECIFICATION

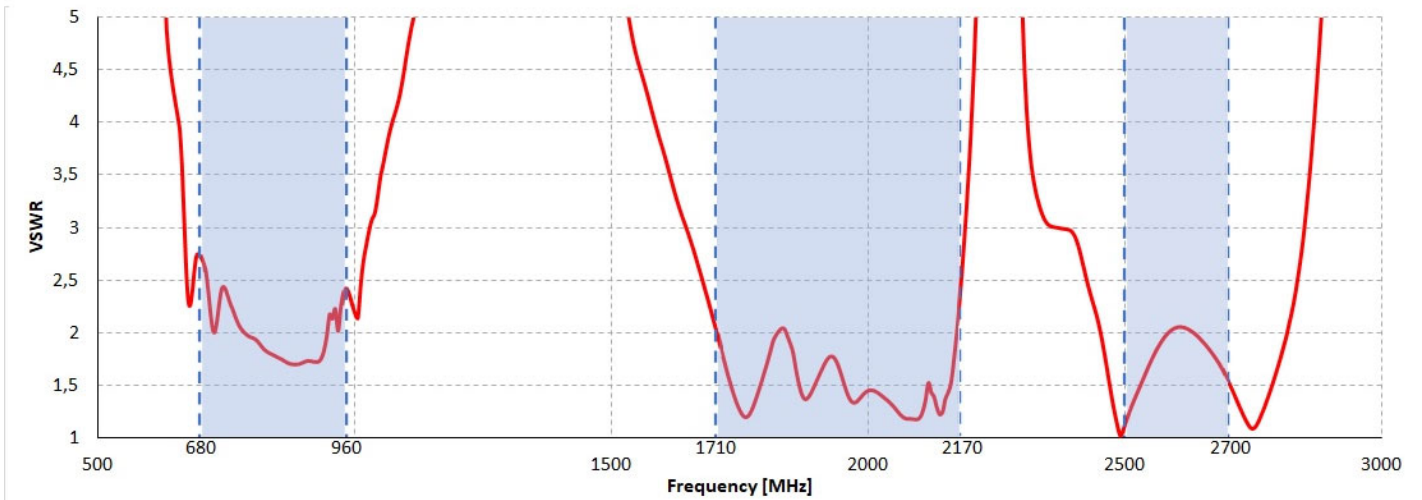
Materials	ABS, aluminum, PTFE
Connector type	RJ45
Ingress protection	IP67
Dimensions	160 x 160 x 240 mm 6.3 x 6.3 x 9.45 inch
Weight	1.5 kg 3.31 lbs
Operating temperature	From -40°C to 75°C From -40°F to 167°F



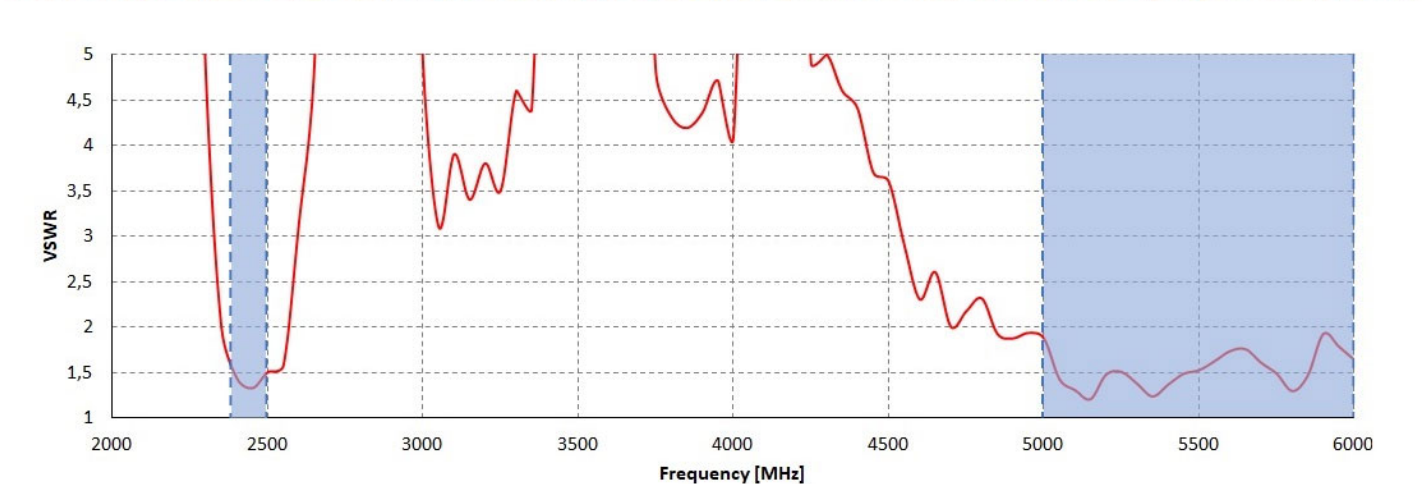
FREQUENCY BANDS



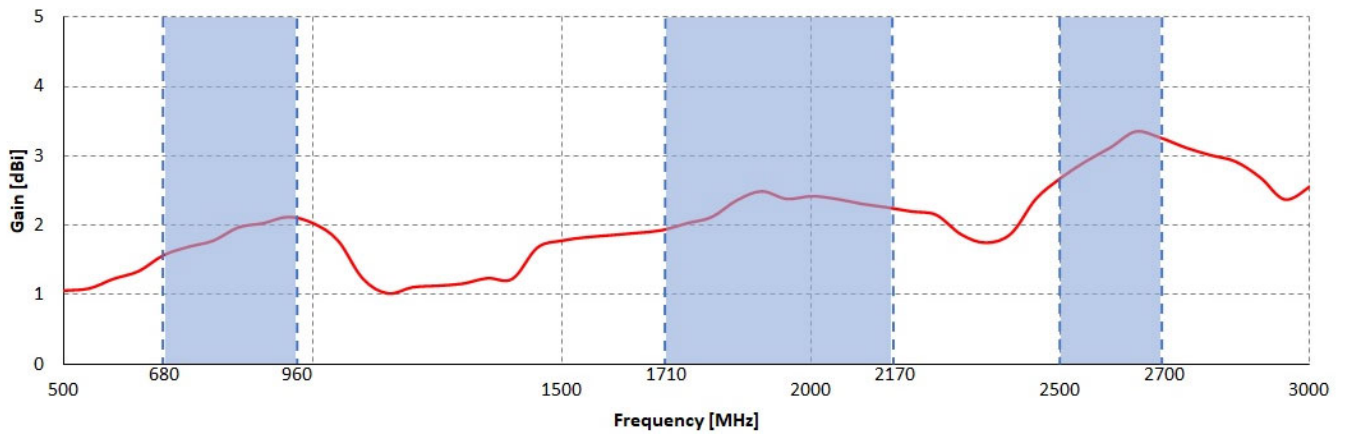
VSWR for LTE antenna



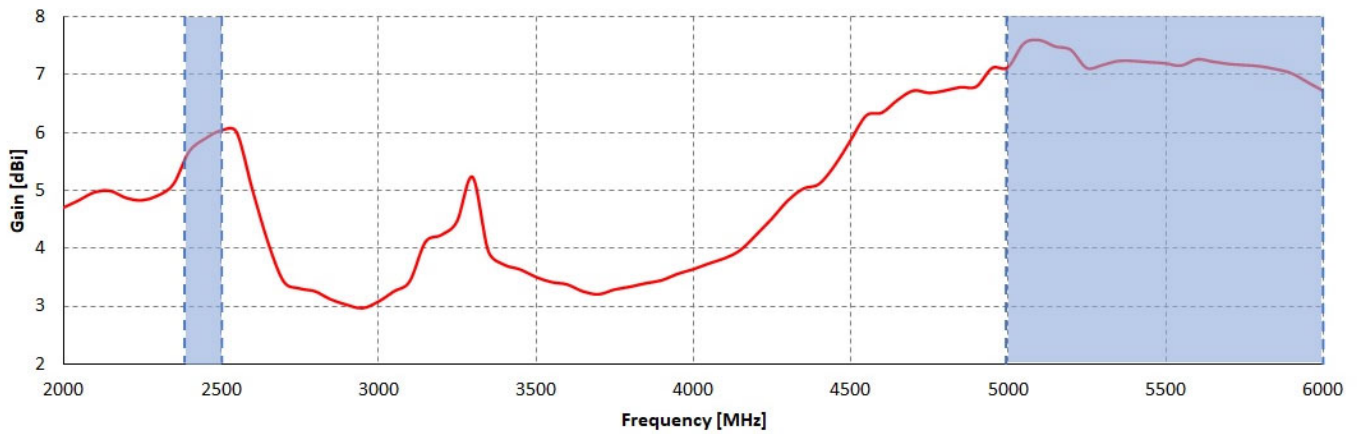
VSWR for Wi-Fi antenna



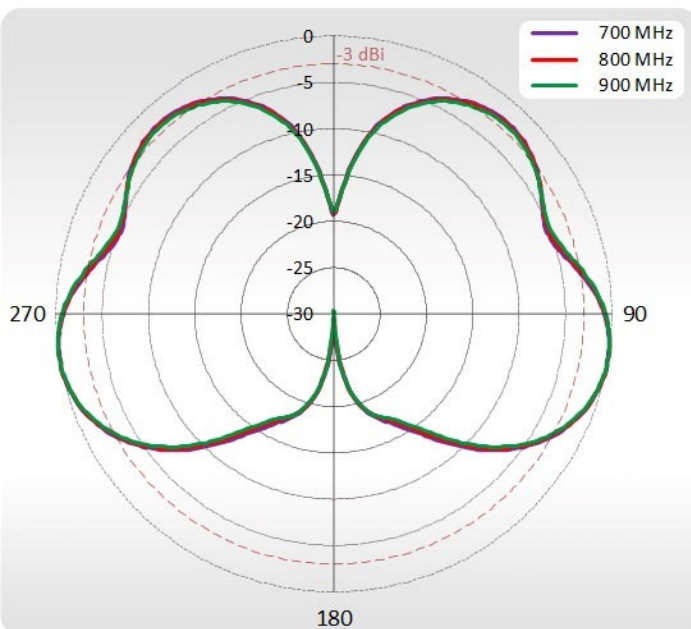
Gain for LTE antenna



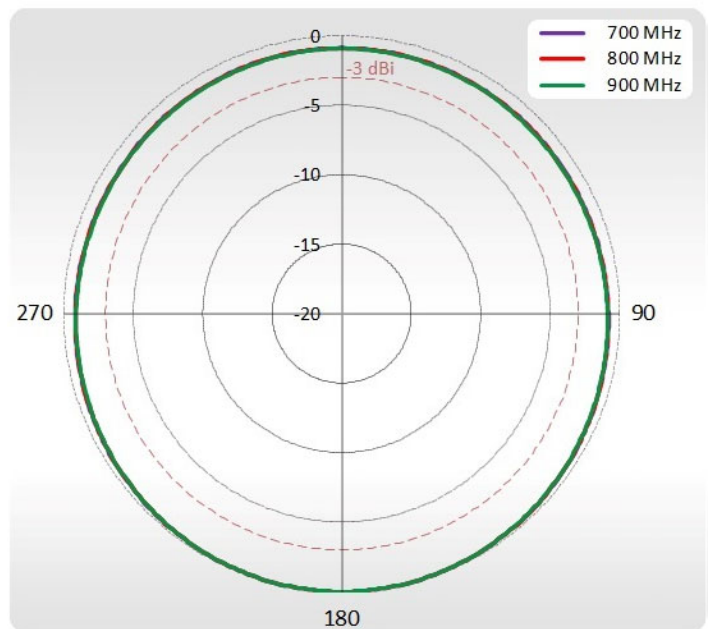
Gain for WI-FI antenna



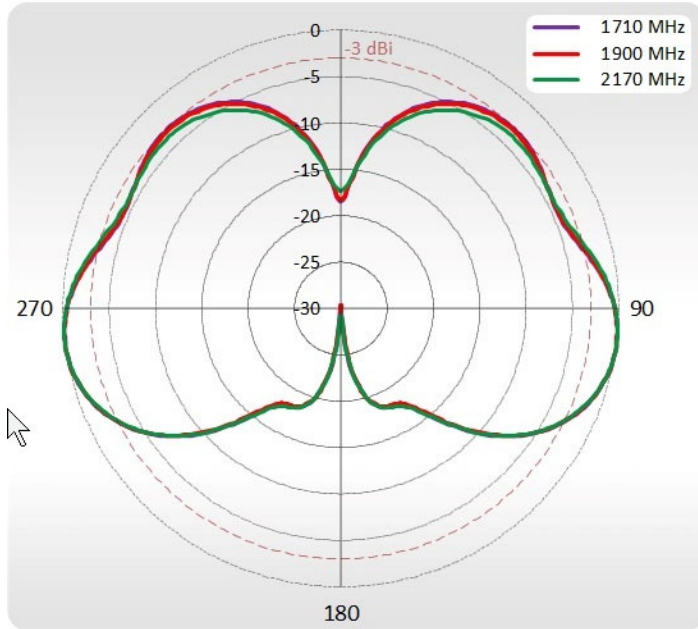
700 - 900 MHz Azimuth



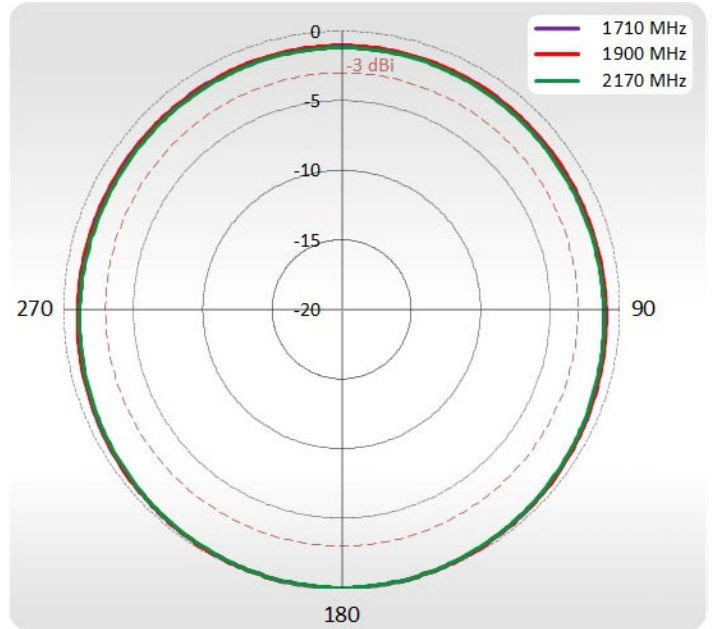
700 - 900 MHz Elevation



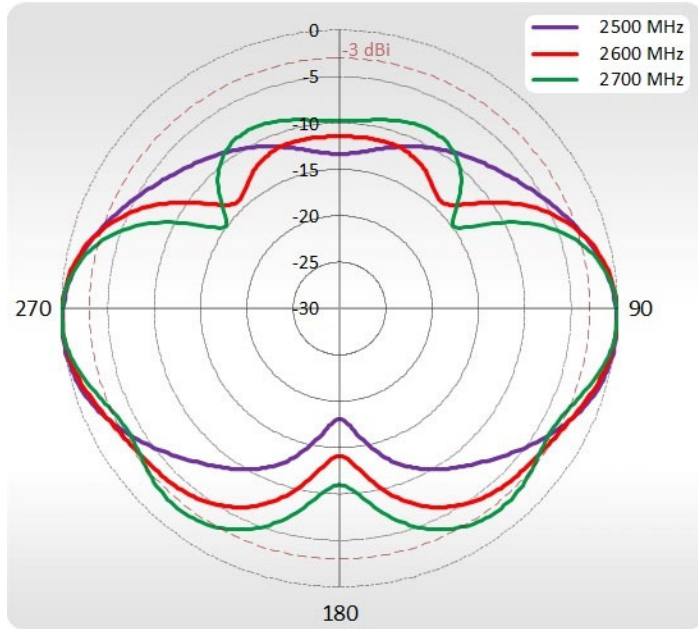
1710 - 2170 MHz Azimuth



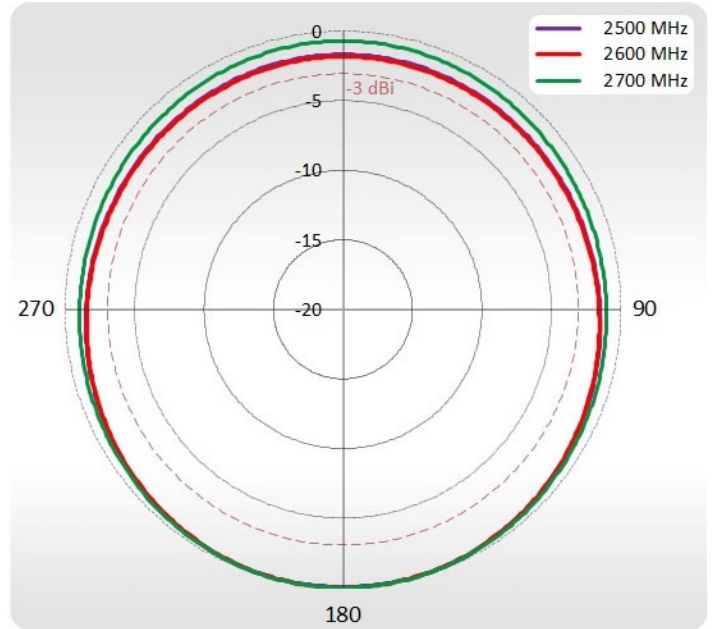
1710 - 2170 MHz Elevation



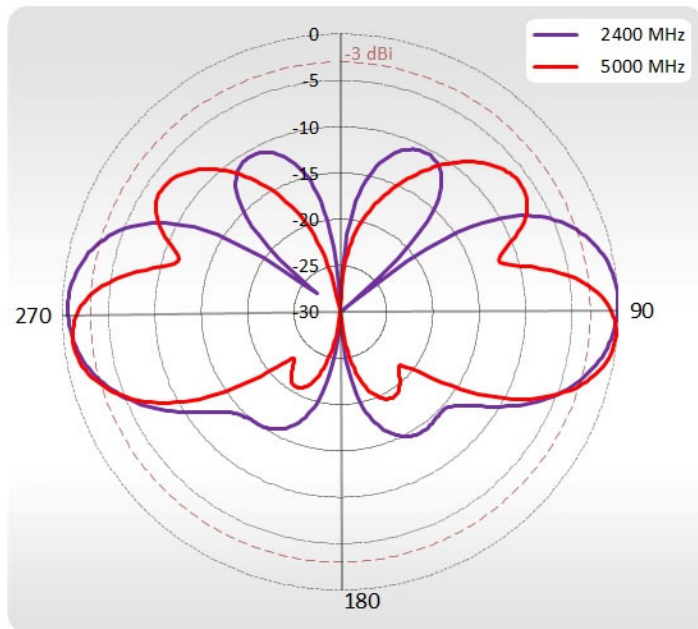
2500 - 2700 MHz Azimuth



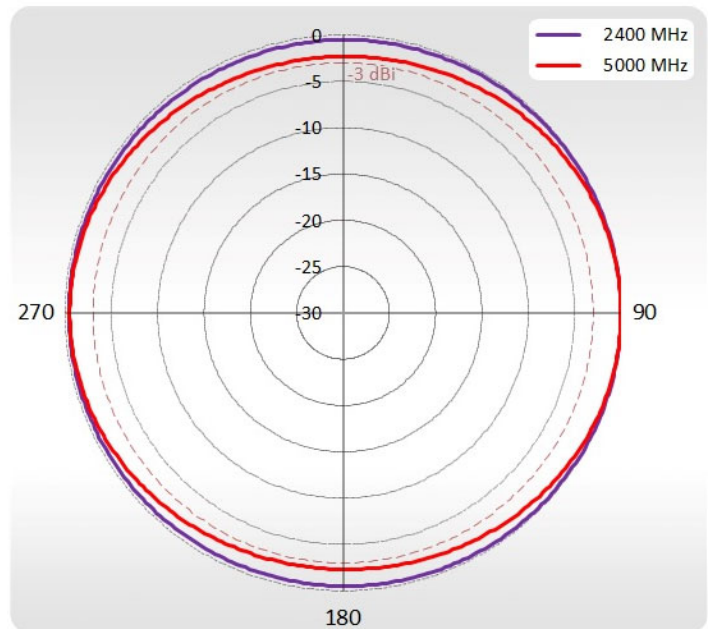
2500 - 2700 MHz Elevation



Wi-Fi Azimuth

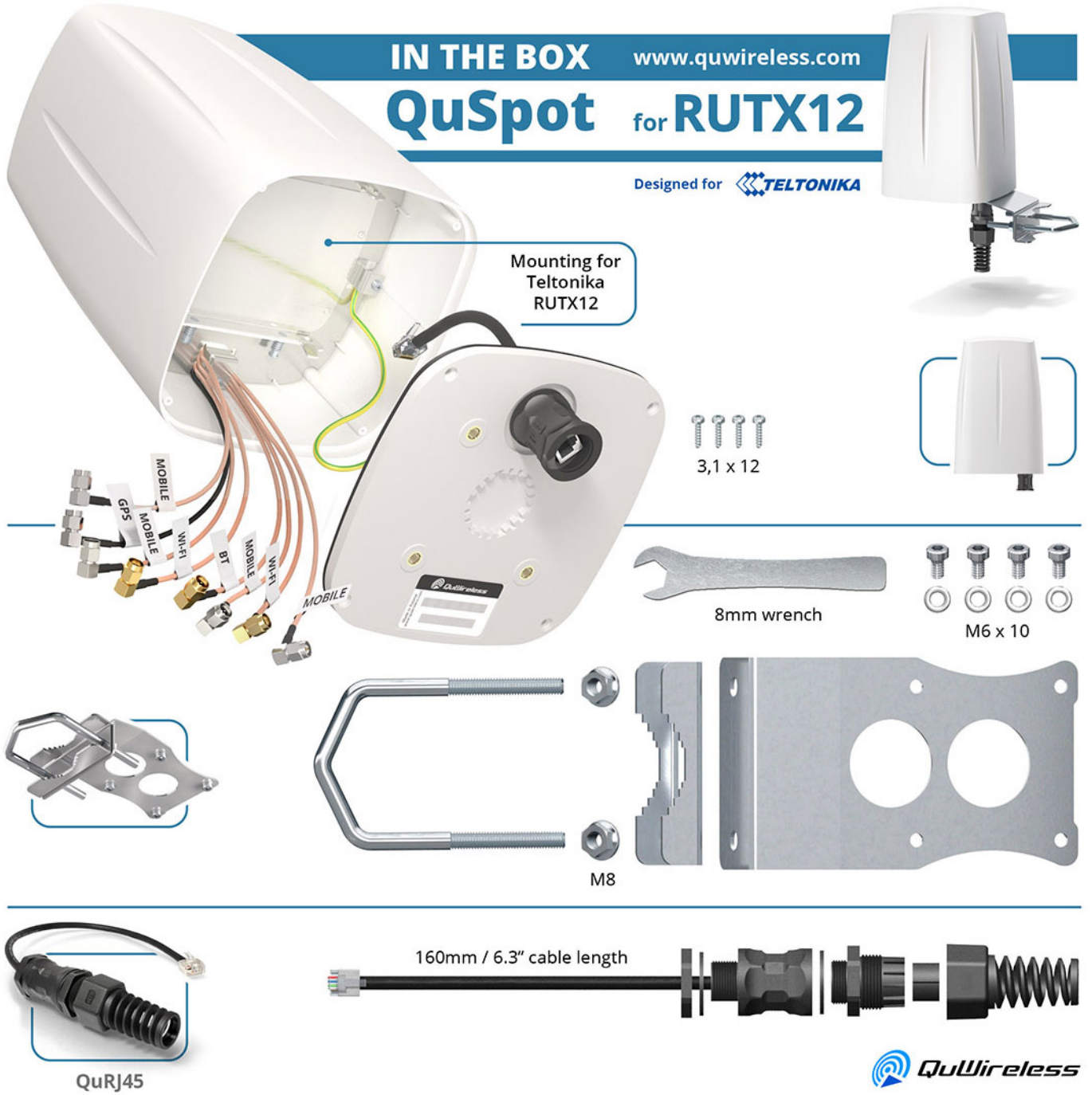


Wi-Fi Elevation



IN THE BOX www.quwireless.com QuSpot for RUTX12

Designed for  TELTONIKA



Router mounting adapter manual

