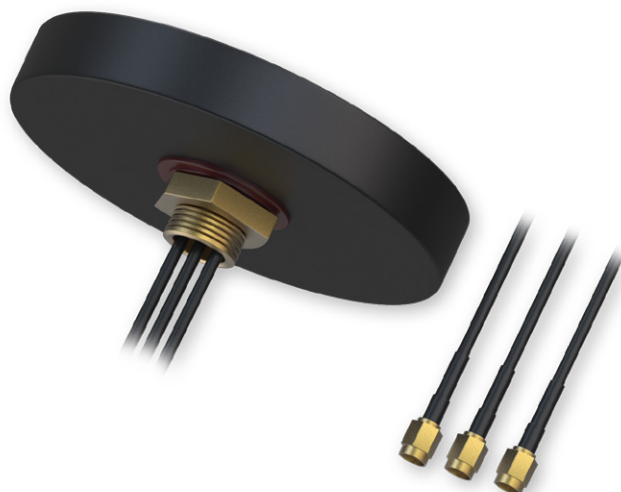


COMBO SISO MOBILE/GNSS/WI-FI ROOF SMA ANTENNA



Mechanical/Environmental

Mounting method	Screw
Radome ingress protection rating	IP65 (exclude cable outlet)
Radome material	ABS
Housing dimensions	Ø 80.5 x 15.2 mm
Cable	3x RG174, 3000 mm
Operating temperature	-40 ~ +85 °C
Weight	215 ± 10 g
UV resistance	✓
RoHS Compliant	✓

GNSS antenna

Frequency range	1575 – 1610 MHz
Polarization	RHCP
LNA Gain	28 dBi
LNA noise figure	1.5 dB
V.S.W.R	≤ 1.5
Impedance	50 Ω

Supply voltage 2.7 – 5.0 VDC

Current consumption < 15 mA

Connector type and count SMA Male

LTE antenna

Frequency range 617 – 960, 1710 – 2690 MHz

Polarization Linear

Radiation pattern Omni - Directional

Gain 3.5 dBi

V.S.W.R ≤ 1.5

Impedance 50 Ω

Connector type and count SMA Male

Wi-Fi antenna

Frequency range 2350 – 2500 MHz

Polarization Linear

Radiation pattern Omni - Directional

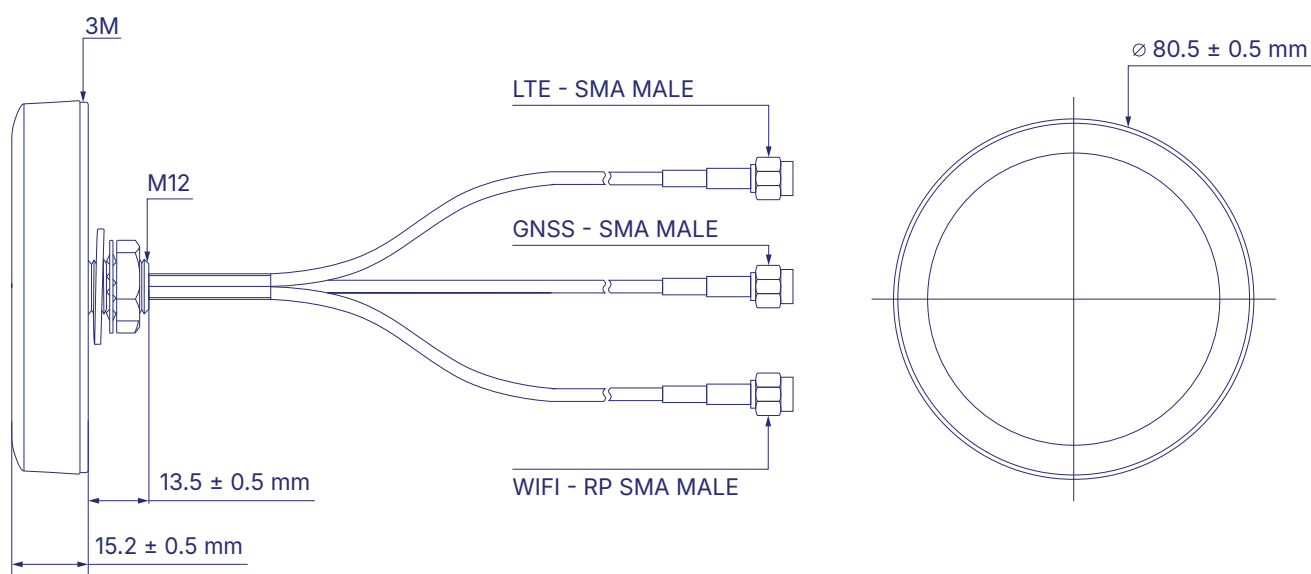
Gain 2.5 dBi

V.S.W.R ≤ 1.5

Impedance 50 Ω

Connector type and count RP-SMA Male

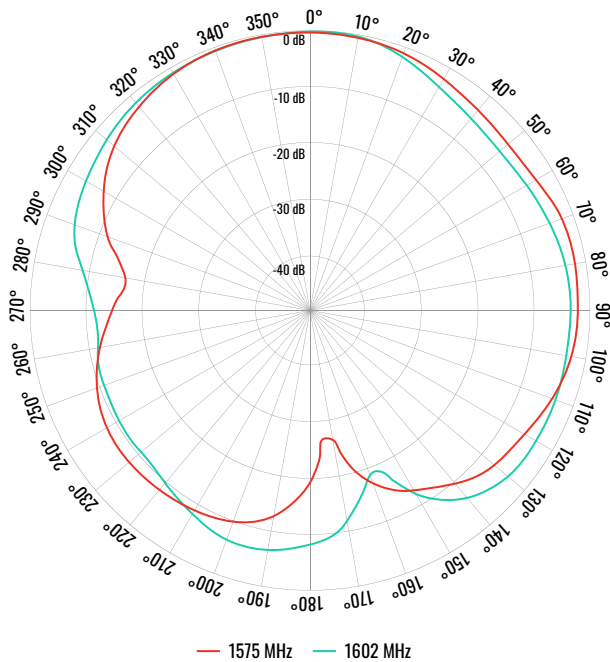
Spatial measurements



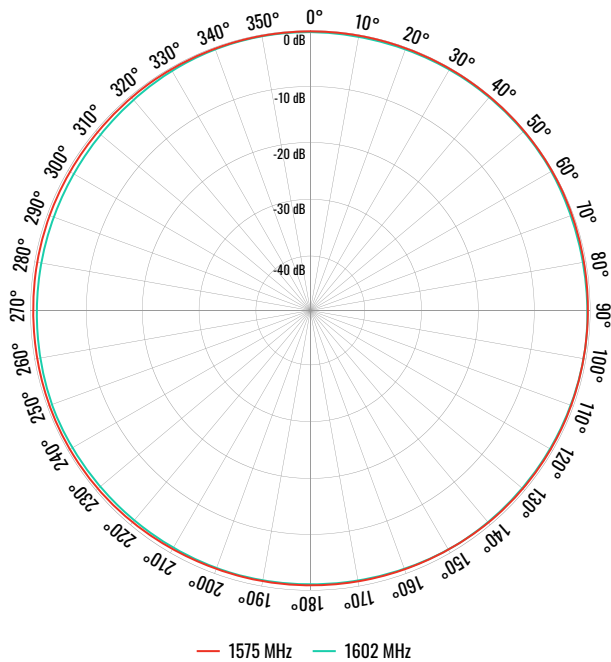
Radiation patterns

GNSS - Antenna

ELEVATION

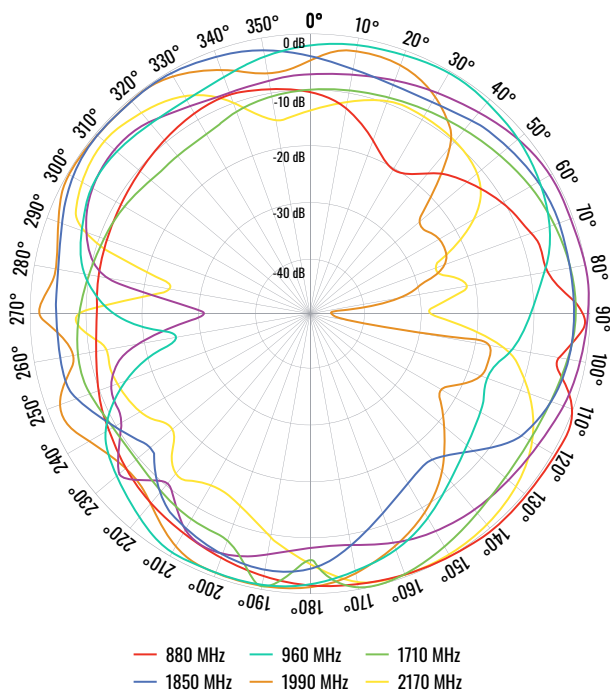


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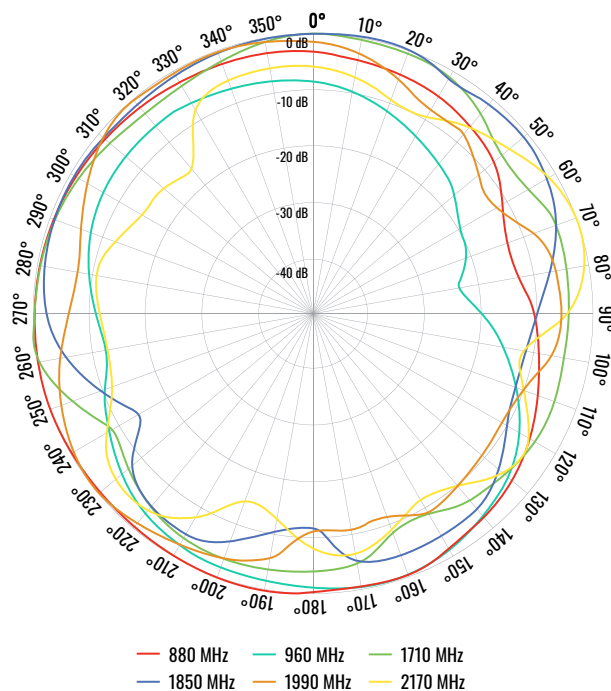


LTE - Antenna

ELEVATION



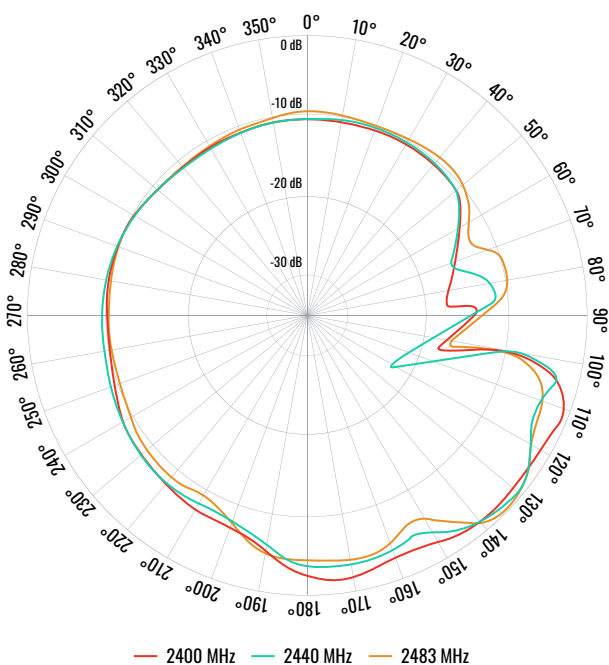
AZIMUTH



Radiation patterns

Wi-Fi - Antenna

ELEVATION



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