

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 ± 0.5 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

