

Specification

Code-Nr.: CT-AT617

Photos**Electrical properties****LTE**

Antenna type	directive antenna
Frequency range	790 ÷ 960 MHz 1710 ÷ 2700 MHz
Impedance	50 Ohm
Max power	20 Watt
V.S.W.R.	less than 3.0
Polarization	vertical
Emission	omnidirectional
Gain	2.14 dBi

GPS

Antenna type	active planar patch antenna
Center frequency	1575.42 MHz
Bandwidth	±1,023 MHz
V.S.W.R.	less than 2.0
Impedance	50 Ohm
Polarization	RHCP
Supply voltage	2.7 V ÷ 5.1 V
Current absorption	12 ±1 mA at 2.7V 23±1 mA at 5.1V
Gain amplifier	20±1 dB at 2.7V 23±1 dB at 5.1V
Gain patch antenna	2 dB
Noise figure	1.7 ÷ 2.1 dB

WLAN

Antenna type	¼ λ mobile antenna
Frequency range	2400 ÷ 2485 MHz 5250 ÷ 5850 MHz
Impedance	50 Ohm
Max Power	10 Watt
V.S.W.R.	less than 3.0
Polarization	vertical
Emission	omnidirectional
Gain	2.14 dBi

CT-AT617 Rev.01

Mechanical properties

Material

- Cap
- Gasket

Polyamide 6
Arnitel EP400

Colour

Black

Net weight

170 g

Dimensions

- Length
- Width
- Height

95 mm
52 mm
65 mm

Mounting hole

- Squared
- Round

15*15 mm
Ø19 mm

Temperature

-30°C - +80°C

Cable

- LTE
- GPS
- WLAN

RG174 180mm±20mm
RG174 180mm±20mm
RG174 220mm±20mm

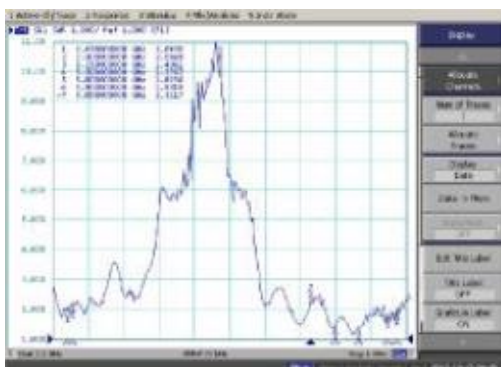
Connector

- LTE
- GPS
- WLAN

SMA female
SMA male
SMA male

Diagrams

V.S.W.R. curve WLAN



V.S.W.R. Curve LTE

