

**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

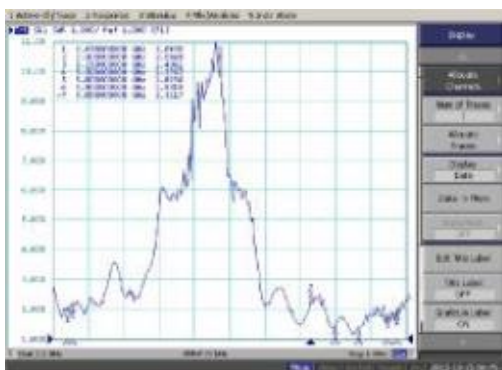
### Connector

- LTE
- GPS
- WLAN

SMA male  
SMA male  
SMA male

## Diagrams

V.S.W.R. curve WLAN



V.S.W.R. Curve LTE

