

Specification

Code-Nr.: CT-AT610

Photos**Electrical properties****GSM**

Antenna type	¼ λ mobile antenna
Frequency range	
➤ GSM / ETACS / NNT	824 ÷ 960 MHz
➤ PCN / GSM	1710 ÷ 1880 MHz
➤ UMTS	1900 ÷ 2170 MHz
V.S.W.R.	less than 2.5
Impedance	50 Ohm
Max Power	10 Watt
Decoupling	>40 dB
Polarization	Vertical
Emission	Omnidirectional
Gain	2.14 dB

GPS

Antenna type	active planar patch antenne
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 ÷ 5 V
Current absorption	12 ± 1mA at 2.7V 26 ± 1mA at 5.0V
Gain amplifier	24 ± 1mA at 2.7V 26 ± 1mA at 5.0V
Gain patch antenna	2dB
Noise figure	1.8 ÷ 2.5 dB

CT-AT610 Rev.01

WLAN

Antenna type	¼ λ mobile antenna
Frequency range	2400 ÷ 2485 MHz
Impedance	50 Ohm
Max power	10 Watt
V.S.W.R.	less than 2.0
Polarization	vertical
Emission	omnidirectional
Gain	2.14 dBi

Mechanical properties

Material

- Cap Polyamide 6
- Gasket Arnitel EP400

Colour

Black

Net weight

170 g

Dimensions

- Length 95mm
- Width 52mm
- Height 65mm

Mounting hole

- Square 15*15mm
- Round Ø19mm

Temperature

-30°C - +80°C

Cabel

- GSM RG174 100mm±20mm
- GPS RG174 180mm±20mm
- WLAN RG174 210mm±20mm

Connector

- GSM FME female
- GPS SMB female
- WLAN SMA male

Diagrams

