

Specifitacion**Code-Nr.: 60803036****Photos****Electrical properties****380 ÷ 430 MHz / GSM-R**

Frequency range

380 ÷ 430 MHz

➤ GSM-R

870 ÷ 930 MHz with duplexer

Impedance

50 Ohm

Polarization

vertical

Emission

omnidirectional

Gain

2.14 dBi

Max Power

200 Watt

V.S.W.R.

less than 2.0

GPS

Antenna type

active planar patch antenna

Frequency

1575.42 MHz

Bandwidth

±1.023 MHz

Impedance

50 Ohm

Polarization

RHCP

Supply voltage

2.7÷5 V

Current absorption

12mA±1 at 2.7V

26mA±1 at 5.0V

Gain amplifier

24dB ±1 at 2.7V

26dB ±1 at 5.0V

Gain patch antenna

2 dB

Noise figure

1.7÷2.1 dB

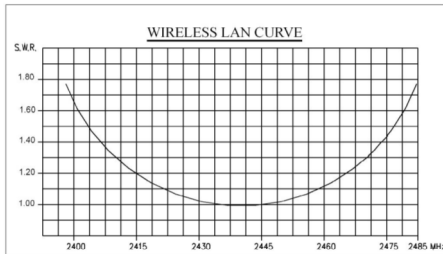
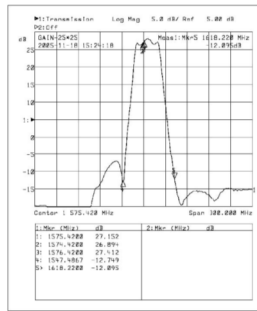
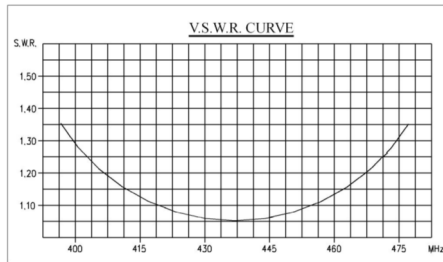
W-LAN

Antenna type	¼ λ mobile antenna
Frequency	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 over ¼ λ

Mechanical properties

Antenna cable	GSM – no cable GPS – RG316 180mm ± 20mm WLAN – RG316 180mm ± 20mm
Connector	LTE – N female GPS – Fakra WLAN – SMA male
Material	Base – Aluminium alloy EN AW -0682 Radome – Polycarbonate – UL 94 V 2
Dimension	106*160mm
Build in depth	Approx. 17mm
Mounting	according to FEDERTRASPORTI 00104/5
Temperature	-40°C - +80°C
Net weight	850g

Diagrams



Assembly drawing

