

Planar Combination Antenna KLC60ZAW

GSM 850/900/1800/1900 MHz + UMTS + GPS high gain

Window Mount



- **Adhesive bonding antenna for mounting inside (not mountable on metal surfaces)**
- **No changes and modifications on the body**
- **Including 868 MHz – services and DECT**
- **Our products are RoHS- and REACH-conform**

Low Cost



Technical Data

GSM

Frequency Range	850/900/1800/1900 + 2100 MHz
VSWR*	< 2.0
Peak Gain*	+2 dBi typ. (900 MHz) -1 dBi typ. (1800 MHz) -3 dBi typ. (2100 MHz)
Power max.	10 W

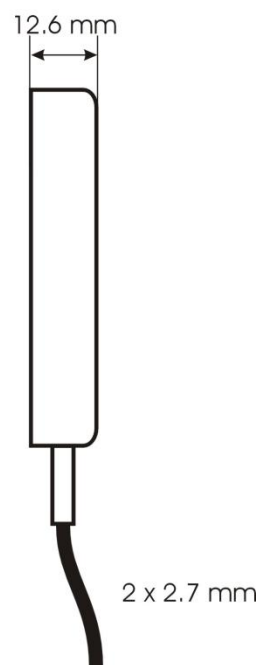
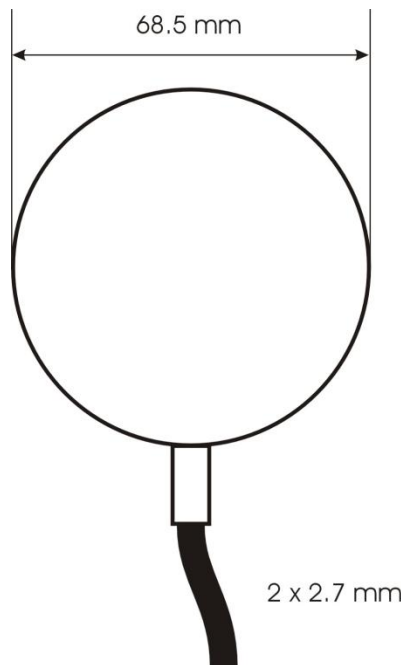
GPS

Frequency	1575.42 MHz
VSWR	1.5 typ.
Peak Gain	25 dBi typ.
Power Supply	3V to 5V; 25mA typ.
V_{DD} max.	+10V _{DC}
Input Power max.	+17dBm
Current max.	30mA

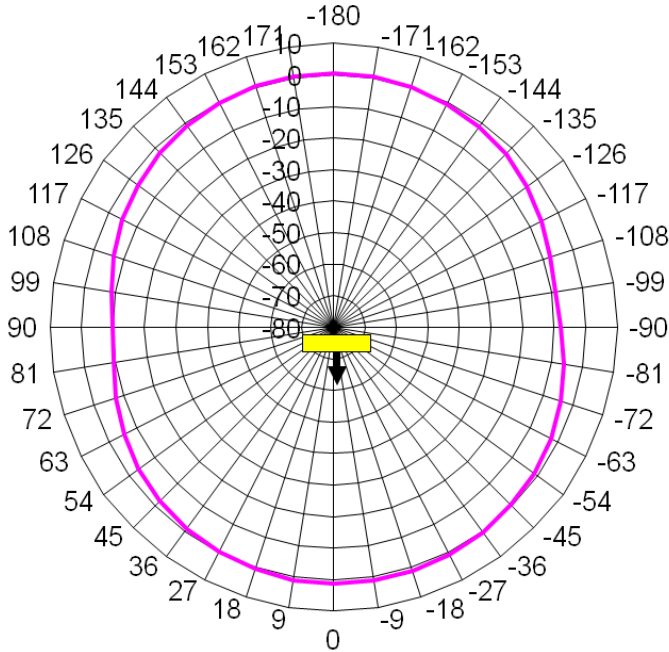
* Measured with 0.6m cable on 30x30cm glass pane

Mechanical Data

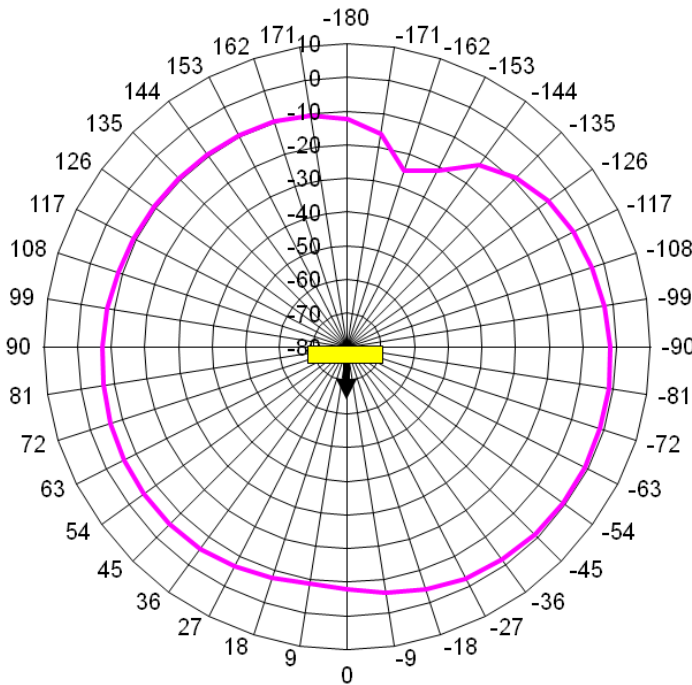
Dimensions (ØxH)	ca. 68 mm x 12 mm
Temperature Range	-40°C to +85°C (operating temperature)
Connection (Standard)	ca. 3m connecting cable RG174 with GSM/FME(f); GPS/SMA(m) Other cablelengths and connectors see ordering example and connector list in Internet



Radiation diagram (typ.)*



GSM 900 MHz
Peak Gain: +2 dBi



GSM 1800 MHz
Peak Gain: -1 dBi

* Measured with 0.6m cable on 30x30cm glass pane

Accreditation

<input checked="" type="checkbox"/>	E-Code	e 13 02 1510	high gain (A)
<input type="checkbox"/>	E-Code	e 13 02 1509	low gain (L)
<input type="checkbox"/>	E-Code	e 13 03 6371	low current (V)

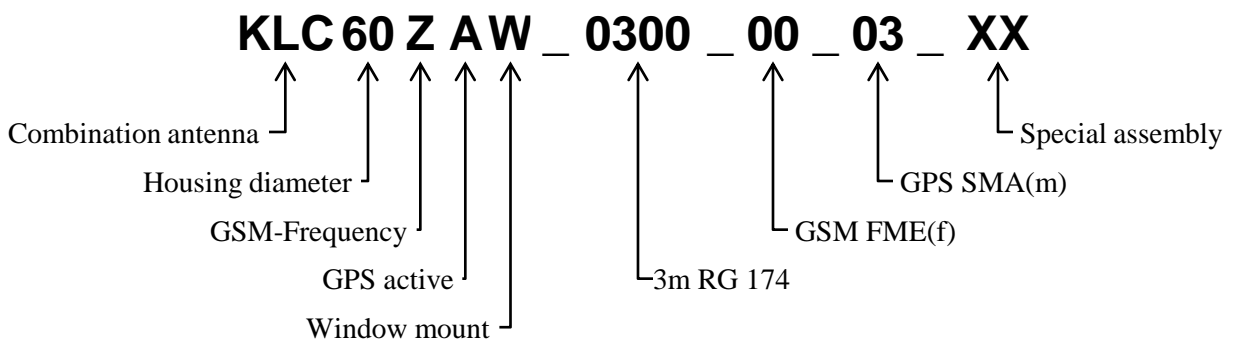
Mounting Instructions

- To avoid mechanical stress the antenna should not be attached on doors or flaps.
- Mountable on non-metallic surfaces exclusively.
- Don't stick the antenna under +10°C to get an optimal adhesion of the sticker.
- Clean seating nonfat before sticking by using the delivered cleaning cloth
- First remove protection foil on one side of the sticker and stick it on the seating, avoid formation of bubbles.
- Now the other protection foil has to be removed from the sticker. Stick the antenna on with it's level side and advantage direction (cable pointing below) and apply sufficient pressure.

Delivery includes: Sticker; cleaning cloth with isopropanol

Important: Before sticking please test the adhesive bonding possibility of the material!

Ordering example



Warranty

The lawful warranty conditions apply.