

## Planar Combination Antenna K60EVW

GSM 900 / 1800 MHz + GPS low current

Window Mount



- **Mountable on glass and non-metallic materials**
- **No changes and modifications on the body**
- **Mounting by adhesive bonding possible on non-metallic surfaces (adhesive bonding antenna)**
- **Our products are RoHS- and REACH-conform**



## Technical Data

### GSM

Frequency Range 900/1800 MHz  
 VSWR\* < 2.0  
 Peak Gain\* +2 dBi typ. (900 MHz)  
 -1 dBi typ. (1800 MHz)

Power max. 10 W

### GPS

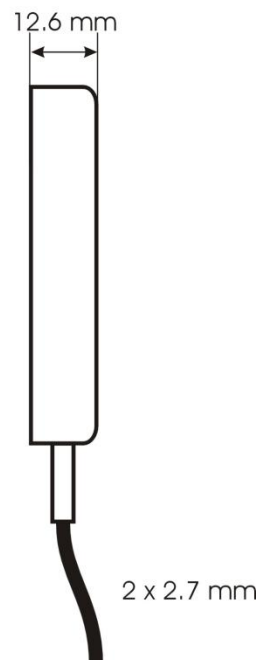
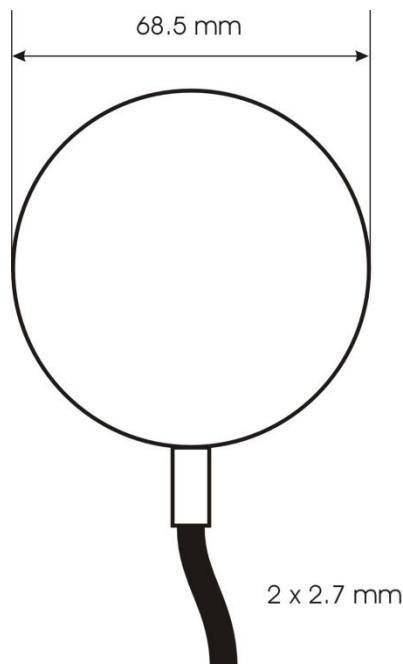
Frequency Range 1575.42 MHz  
 VSWR\* 1.5 typ.  
 Peak Gain\* 18 dBi typ.

Power Supply 3V; 4mA typ.

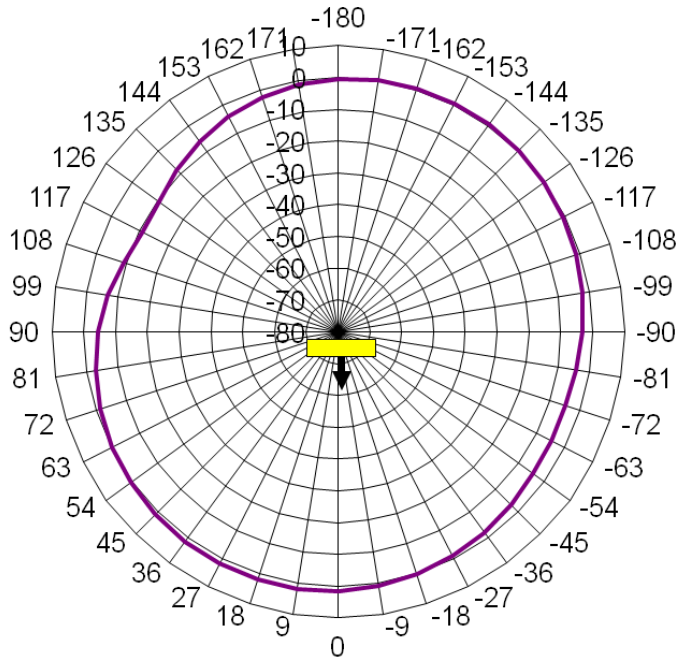
\* Measured with 0.6m cable on 30x30cm glass pane

## Mechanical Data

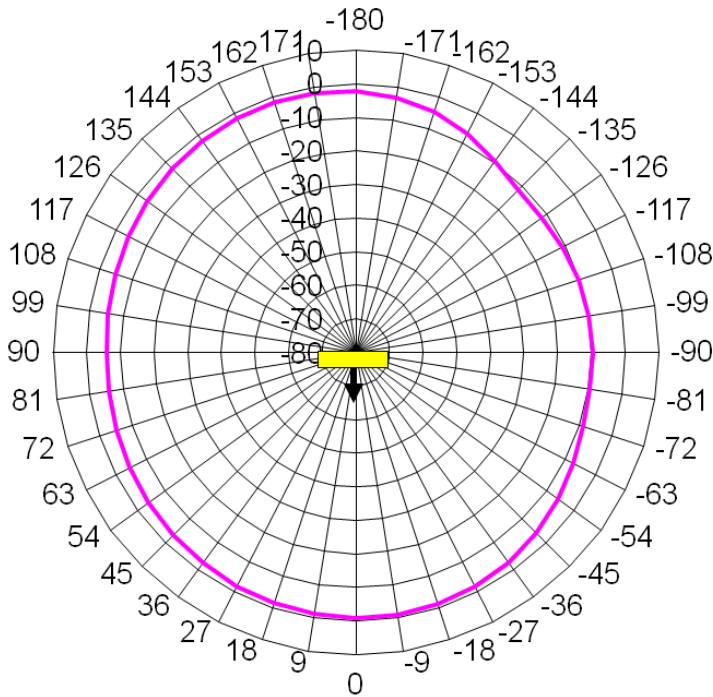
Dimensions (ØxH) ca. 68 mm x 12 mm  
 Temperature Range -45°C to +85°C (operating temperature)  
 Connection (Standard) ca. 3m connecting cable RG174 with GSM/FME(f); GPS/SMA(m)  
 Other cablelengths and connectors see ordering example and connector list in Internet



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

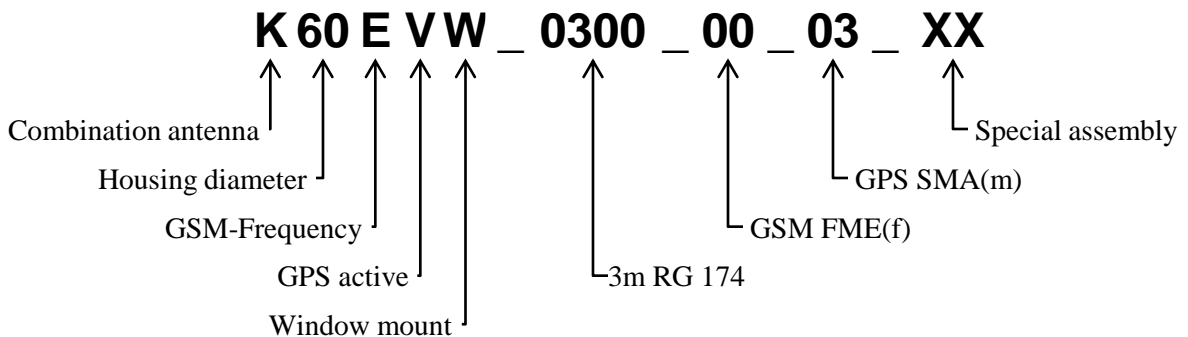
### Mounting Instructions

- To avoid mechanical stress the antenna should not be attached on doors or flaps.
- No extra ground planes are necessary for this antenna (ground plane inside).
- The Operation of the antenna is only guaranteed by installation with the delivered sticker.
- Mountable on all clean, smooth and stainless surfaces.
- Mountable on glass and non-metallic materials.
- 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.