

## Planar Combination Antenna C60CAW\_WP

Double WLAN 2400 MHz + GPS high gain

Window Mount



- **Adhesive bonding antenna waterproof IP68, appropriate to mount the antenna outside**
- **No changes and modifications on the body**
- **Our products are RoHS- and REACH-conform**



## Technical Data

### WLAN

Frequency Range	2400 MHz
VSWR*	< 2.0 typ.
Peak Gain*	+4 dBi typ. (WLAN 3) 0 dBi typ. (WLAN 1)

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<sub>DD</sub> max. +10V<sub>DC</sub>

Input Power max. +17dBm

Current max. 30mA

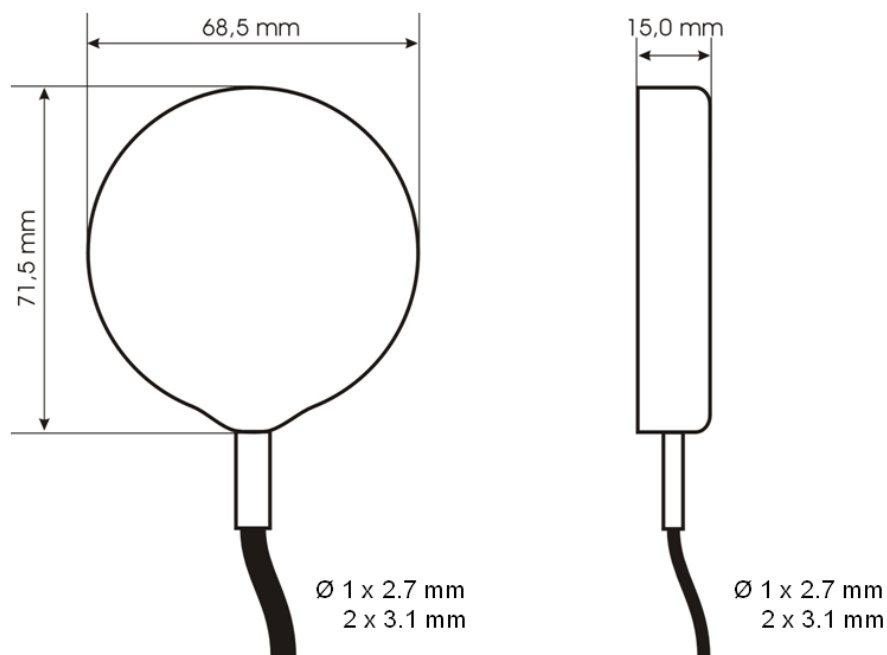
\* Measured with 0.6m cable on 30x30cm glass pane

## Mechanical Data

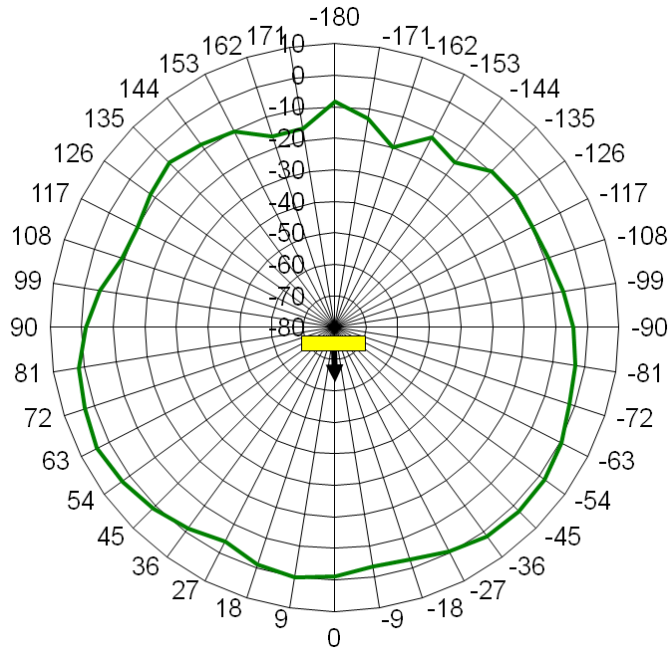
Dimensions (ØxH) ca. 70 mm x 15 mm

Temperature Range -40°C to +85°C (operating temperature)

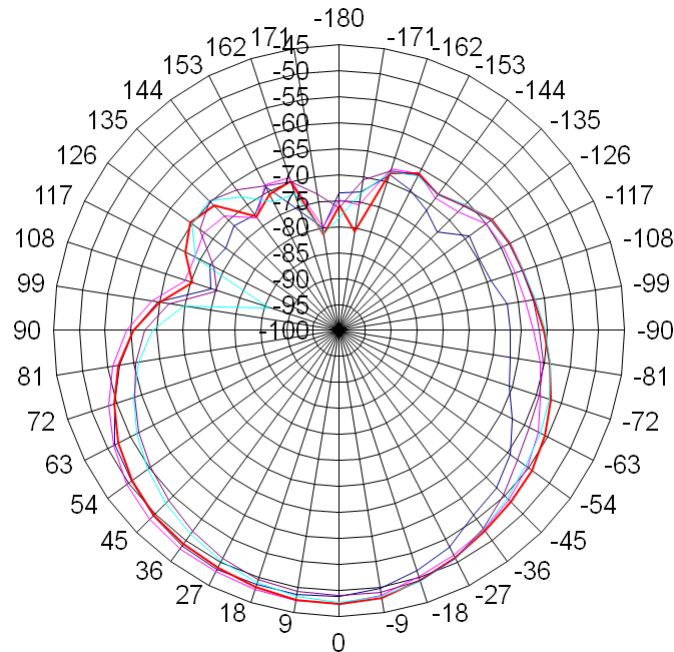
Connection (Standard) ca. 3m connecting cable RG174 low loss with WLAN/SMA(m);  
ca. 3m connecting cable RG174 with GPS/SMA(m)  
Other cablelengths and connectors see ordering example and connector list in Internet



**Radiation diagram (typ.)\***



WLAN 3 2400 MHz  
Peak Gain: +4 dBi



WLAN 1 2400 MHz  
Peak Gain: 0 dBi

\* Measured with 0.6m cable on 30x30cm ground plane

### Accreditation

<input checked="" 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 type="checkbox"/>	E-Code	<b>e 13 03 6371</b>	low current (V)

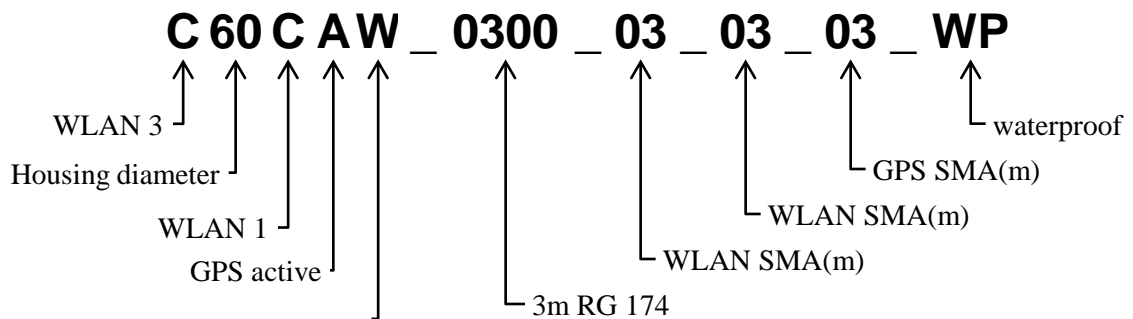
### Mounting Instructions

- 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.