

## Planar Combination Antenna F60CPM

WLAN 2400/5300 MHz + WLAN 2400 MHz + GPS passive

Magnet Mount



- **Magnet mounting antenna waterproof IP68**
- **3 Neodym magnets for optimal fixing**
- **Our products are RoHS- and REACH-conform**



## Technical Data

### WLAN

Frequency Range	2400/5300 MHz
VSWR*	< 2.0 typ.
Peak Gain*	0 dBi typ. (2400 MHz WLAN 1) +4 dBi typ. (2400 MHz WLAN 3) +1 dBi typ. (5300 MHz WLAN 3)
Power max.	10 W

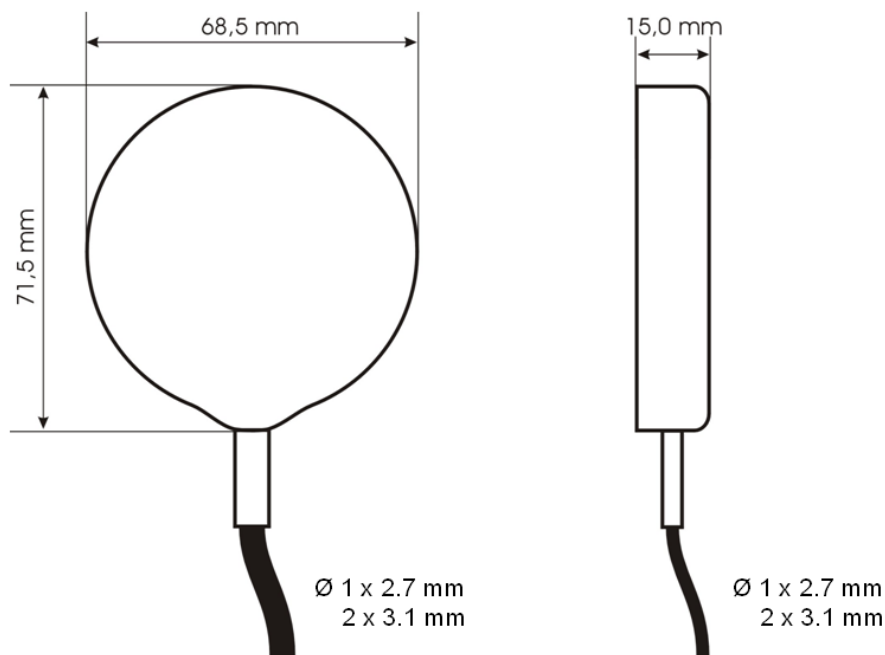
\* Measured with 0.6m cable on 30x30cm ground plane

### GPS

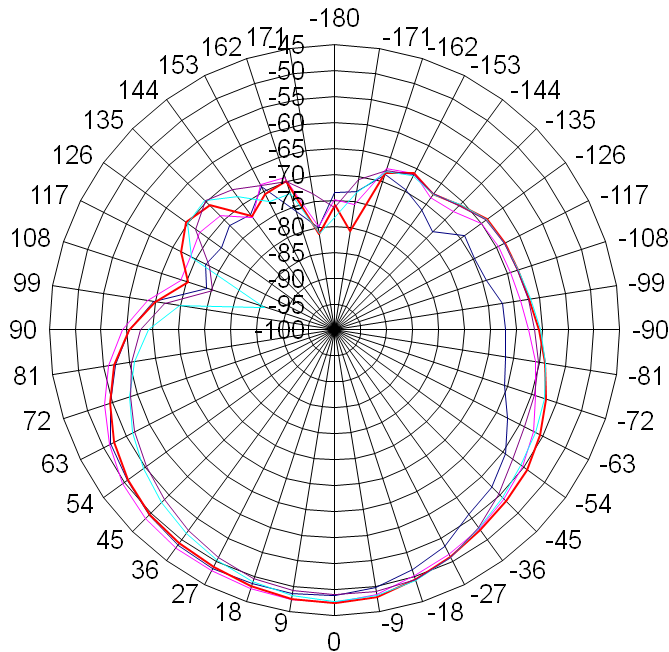
Frequency	1575.42 MHz
VSWR	1.5 typ.
Peak Gain	0 dBi typ.

## Mechanical Data

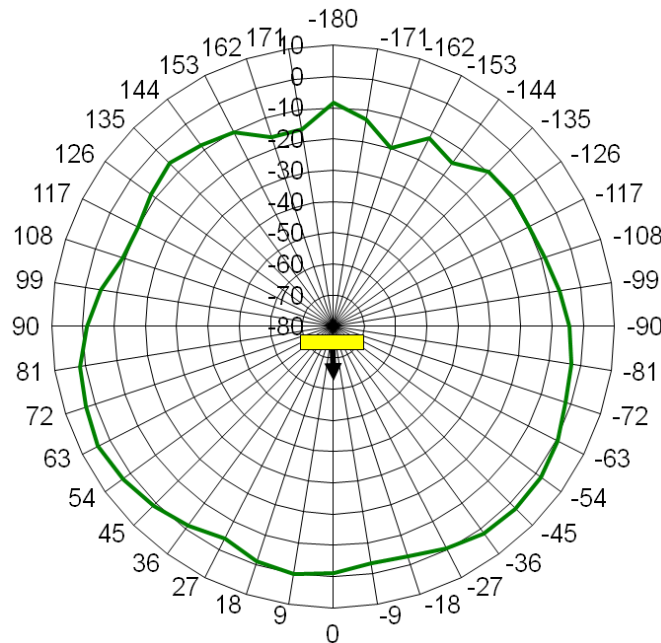
Dimensions (ØxH)	ca. 70 mm x 15 mm
Temperature Range	-40°C to +85°C (operating temperature)
Connection (Standard)	ca. 3m connecting cable RG174 low loss with WLAN/SMA(m); ca. 3m connecting cable RG174 with GPS/SMA(m) Other cablelengths and connectors see ordering example and connector list in Internet



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



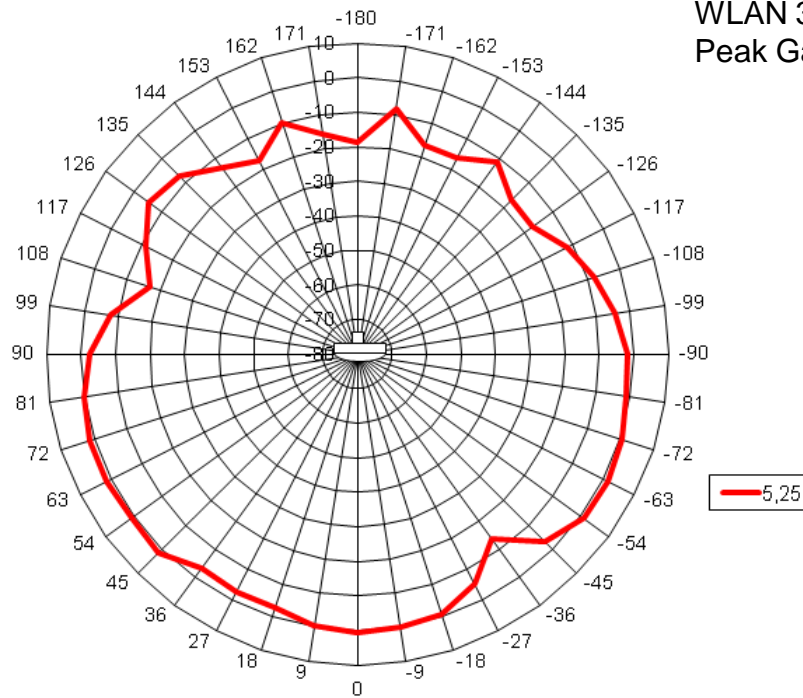
WLAN 1 2400 MHz  
Peak Gain: 0 dBi



WLAN 3 2400 MHz  
Peak Gain: +4 dBi

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

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



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

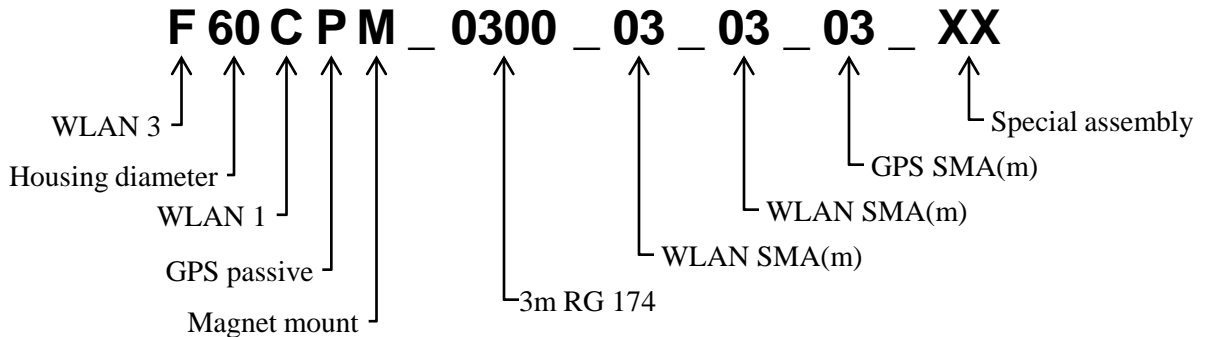
## Accreditation

<input type="checkbox"/>	E-Code	<b>e 13</b> 02 1510	high gain (A)
<input type="checkbox"/>	E-Code	<b>e 13</b> 02 1509	low gain (L)
<input type="checkbox"/>	E-Code	<b>e 13</b> 03 6371	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).
- Mountable on all clean, smooth, stainless and magnetisable surfaces.

## Ordering example



## Warranty

The lawful warranty conditions apply.