

## Planar Combination Antenna F60XVD

WLAN 2400/5300 MHz + GPS low current

Desk Mount



- **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

### WLAN

Frequency Range	2400/5300 MHz
VSWR*	< 2.0 typ.
Peak Gain*	+4 dBi typ. (2400 MHz) +1 dBi typ. (5300 MHz)

Power max. 10 W

### GPS

Frequency	1575.42 MHz
VSWR	1.5 typ.
Peak Gain	18 dBi typ.
Power Supply	3V ±10%; 4mA typ.

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V <sub>DD</sub> max.	4.0V
Input Power max.	+10dBm
Current max.	4.5mA

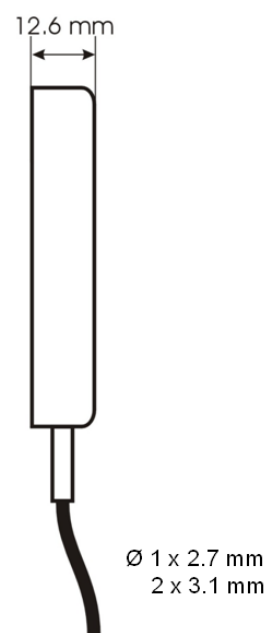
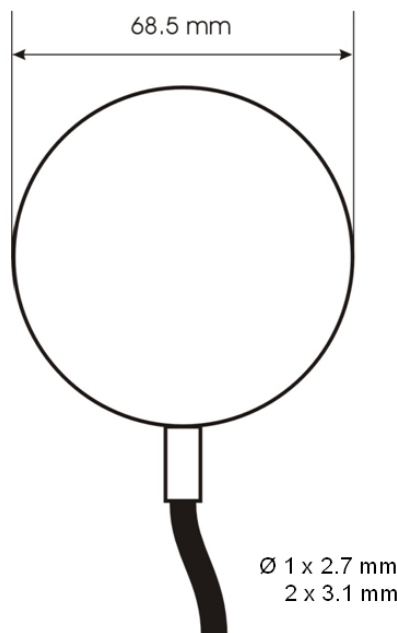
\* Measured with 0.6m cable on 30x30cm ground plane

## Mechanical Data

Dimensions (ØxH) ca. 68 mm x 12 mm

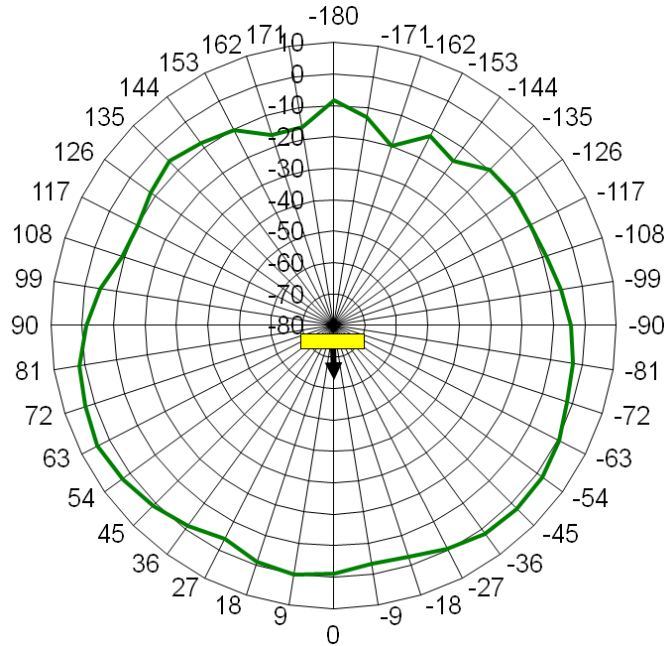
Temperature Range -40°C to +85°C (operating temperature)

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

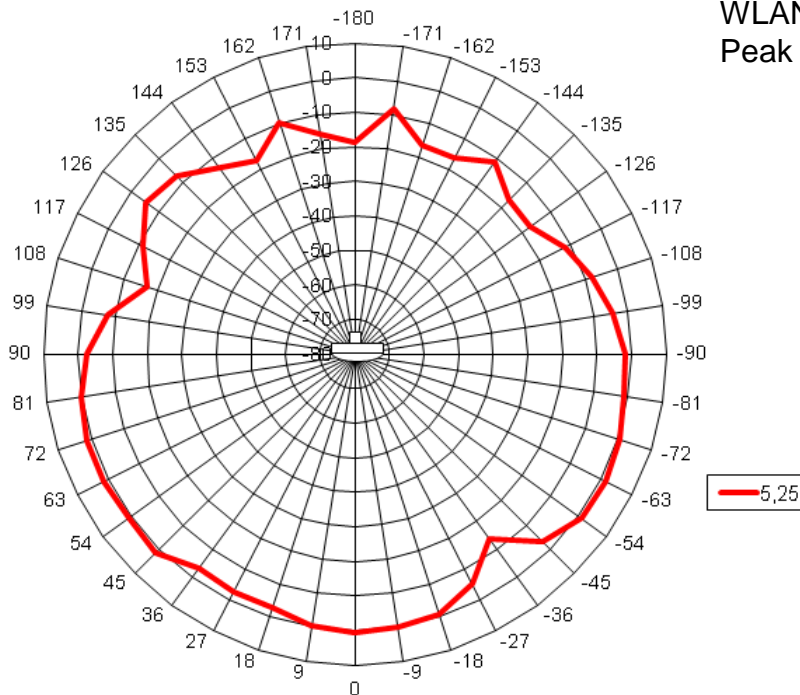


**Radiation diagram (typ.)\***

WLAN 2400 MHz  
Peak Gain: +4 dBi



WLAN 5300 MHz  
Peak Gain: +1 dBi



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

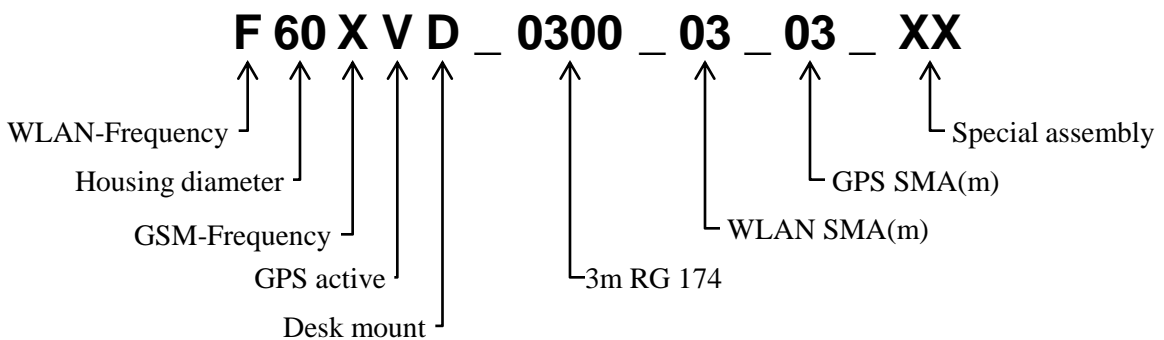
### Mounting Instructions

- 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 and stainless surfaces.
- 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.