

Planar Combination Antenna F60CVM

WLAN 2400/5300 MHz + WLAN 2400 MHz + GPS low current

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

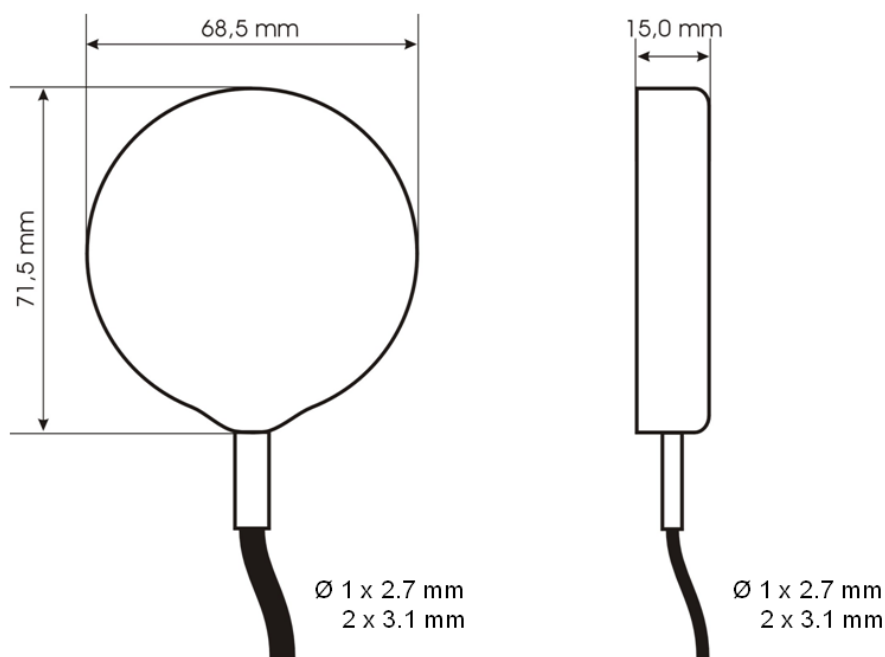
* Measured with 0.6m cable on 30x30cm ground plane

GPS

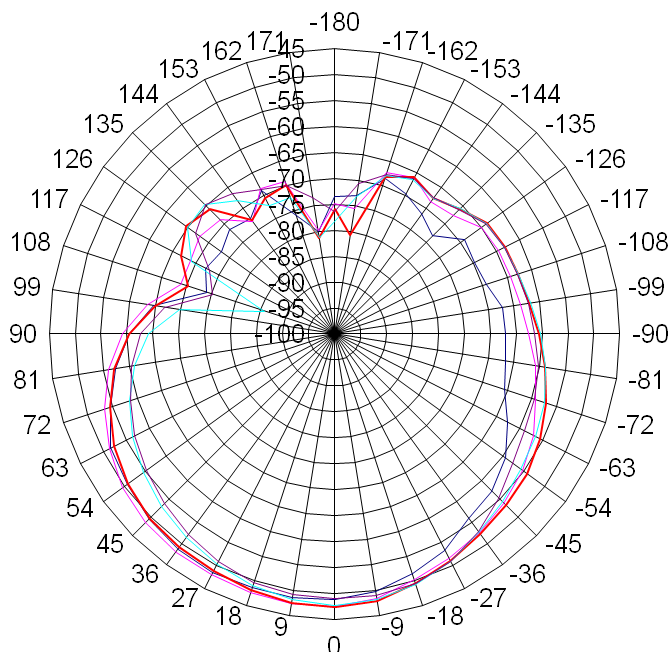
Frequency	1575.42 MHz
VSWR	1.5 typ.
Peak Gain	18 dBi typ.
Power Supply	3V $\pm$ 10%; 4mA typ.
V_{DD} max.	4.0V
Input Power max.	+10dBm
Current max.	4.5mA

Mechanical Data

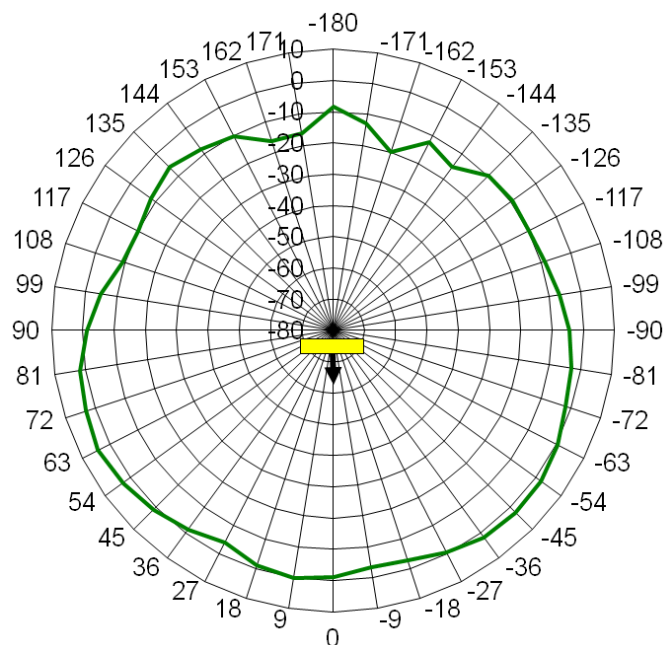
Dimensions (ØxH)	ca. 70 mm x 15 mm
Temperature Range	-40°C to +85°C (operating temperature)
Connection (Standard)	ca. 3m connecting cable RG174 low loss with WLAN/SMA(m); ca. 3m connecting cable RG174 with GPS/SMA(m) Other cablelengths and connectors see ordering example and connector list in Internet



Radiation diagram (typ.)*



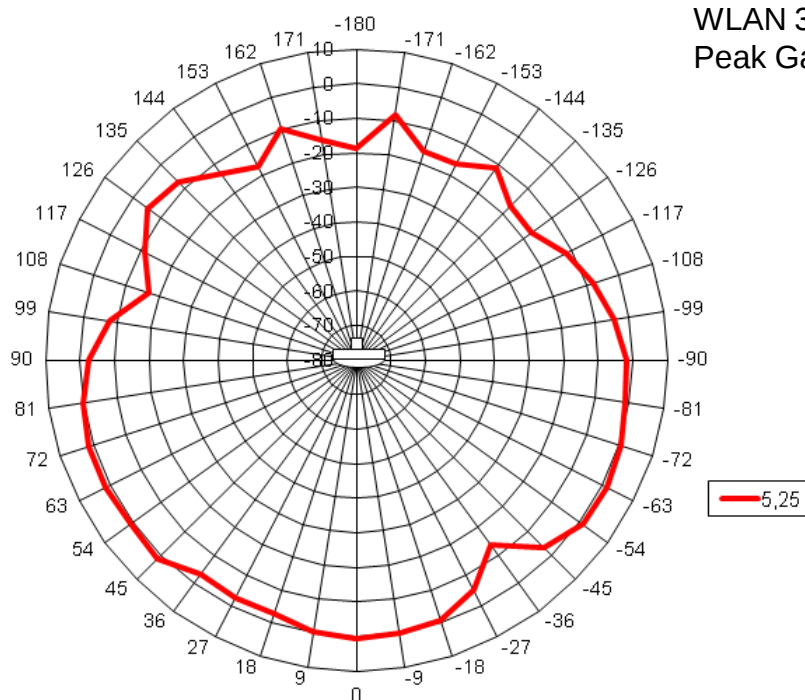
WLAN 1 2400 MHz
Peak Gain: 0 dBi



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

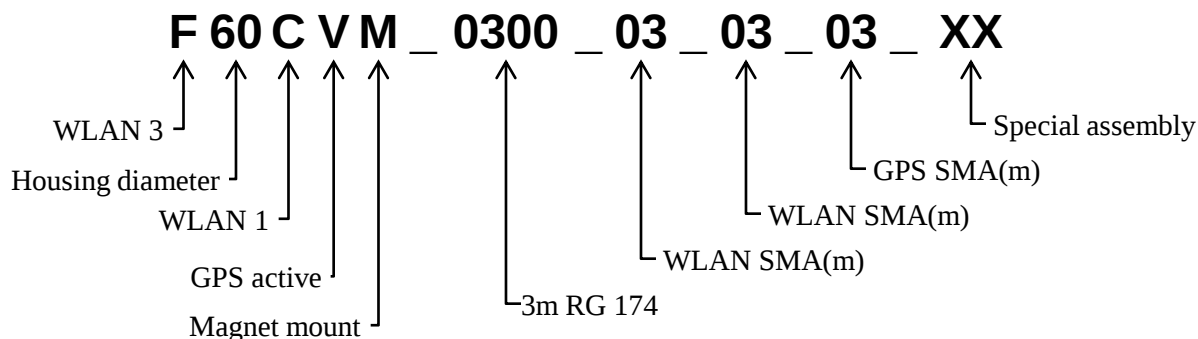
Accrediation

☐	E-Code	e 13 02 1510	high gain (A)
☐	E-Code	e 13 02 1509	low gain (L)
☒	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.
- 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.