

Planar Combination Antenna C60ZPM

Magnet Mount

WLAN 2400 MHz + GSM 850/900/1800/1900 MHz + UMTS + GPS passive



- Including 868 MHz – services and DECT
- Magnet mounting antenna waterproof IP68
- 3 Neodym magnets for optimal fixing
- Our products are RoHS- and REACH-conform



Technical Data

GSM

Frequency Range	850/900/1800/1900 + 2100 MHz
VSWR*	< 2.0 typ.
Peak Gain*	+1 dBi typ. (900 MHz) +3 dBi typ. (1800 MHz) +4 dBi typ. (2100 MHz)
Power max.	10 W
Diagnostic resistor	10 k Ω (others on request)

GPS

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

WLAN

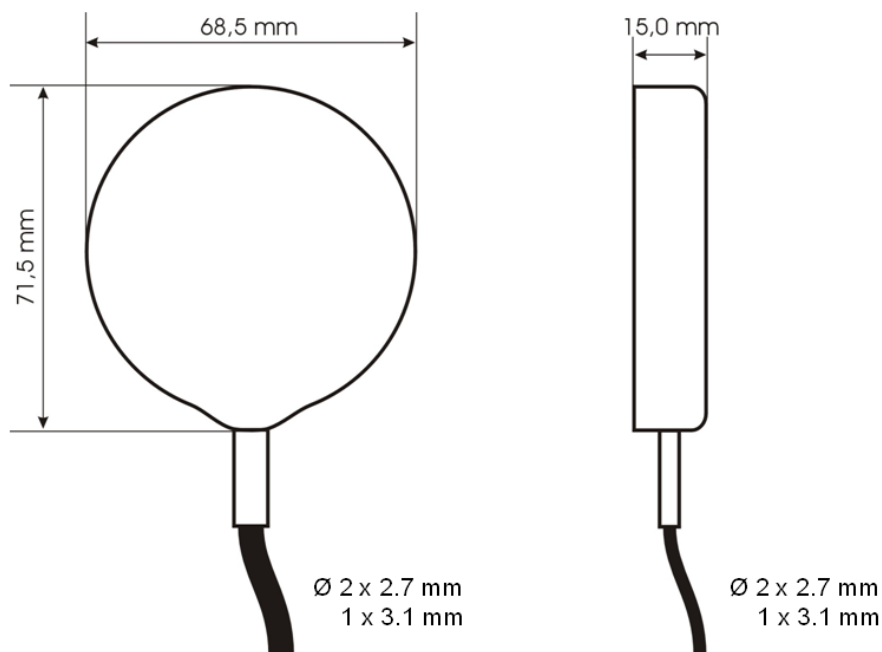
Frequency Range	2400 MHz
VSWR*	< 2.0 typ.
Peak Gain*	+4 dBi typ

Power max.	10 W
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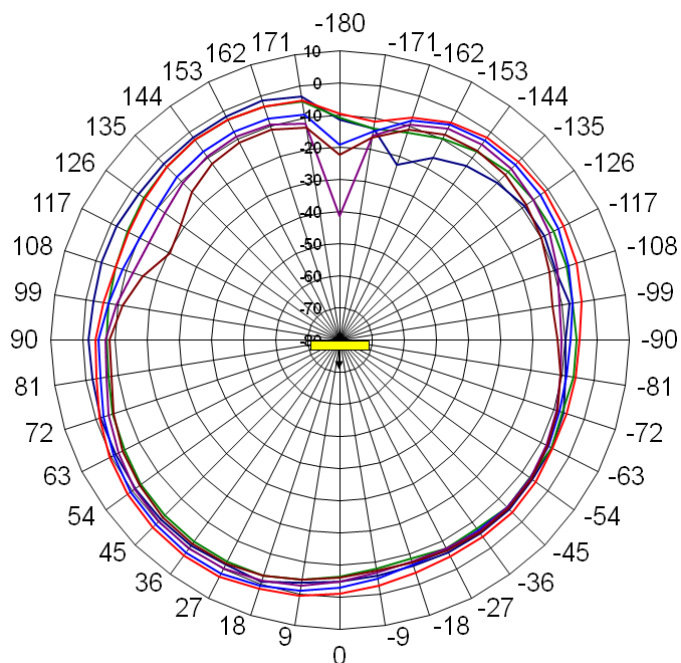
* Measured with 0.6m cable on 30x30cm ground plane

Mechanical Data

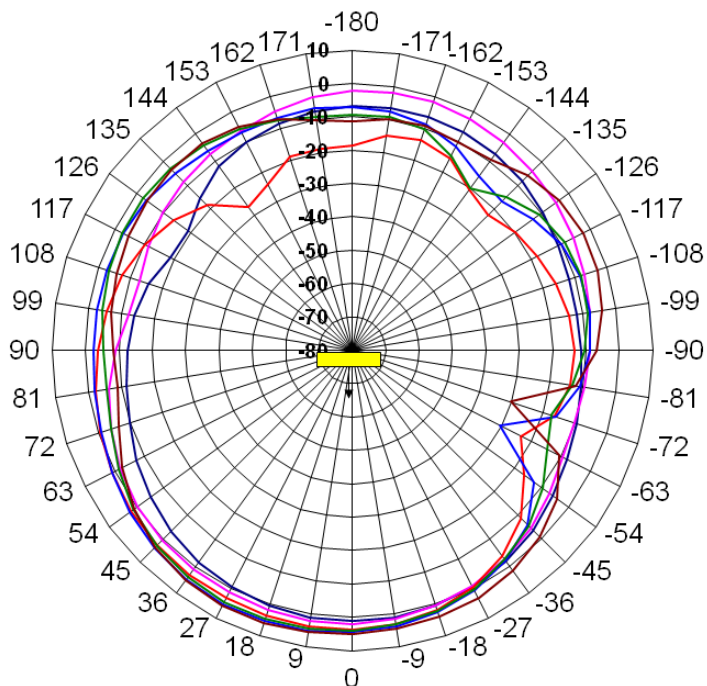
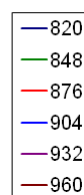
Dimensions (ØxH)	ca. 70 mm x 15 mm
Temperature Range	-40°C to +85°C (operating temperature)
Connection (Standard)	ca. 3m connecting cable RG174 with GSM/FME(f); GPS/SMA(m) ca. 3m connecting cable RG174 low loss with WLAN/SMA(m) Other cablelengths and connectors see ordering example and connector list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



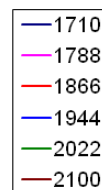
Radiation diagram (typ.)*



GSM 900 MHz
Peak Gain: +1 dBi



GSM 1800 MHz
Peak Gain: +3 dBi

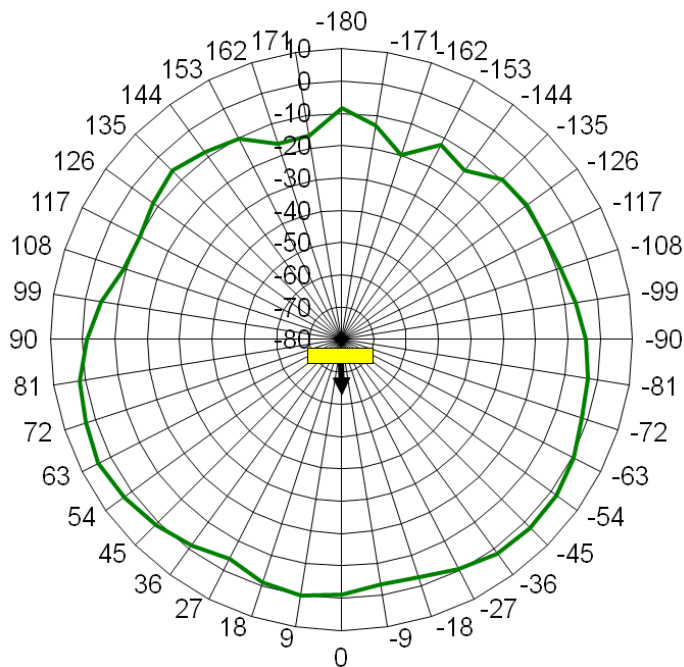


GSM 2100 MHz
Peak Gain: +4 dBi

* Measured with 0.6m cable on 30x30cm ground plane

Radiation diagram (typ.)*

WLAN 2400 MHz
Peak Gain: +4 dBi



* Measured with 0.6m cable on 30x30cm ground plane

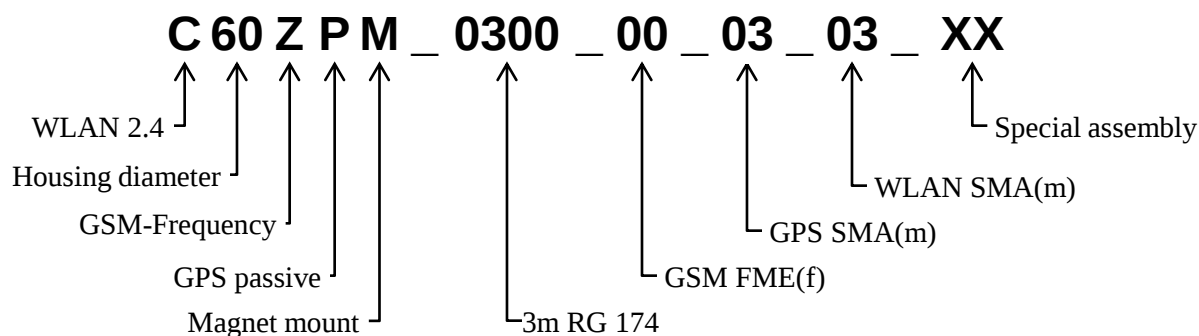
Accreditation

☐	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.