

Planar Combination Antenna K60ECM

GSM 900/1800 MHz + WLAN 2400 MHz

Magnet Mount



- 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	900/1800 MHz
VSWR*	< 2.0 typ.
Peak Gain*	+2 dBi typ. (900 MHz) -1 dBi typ. (1800 MHz)

Power max.	10 W
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WLAN

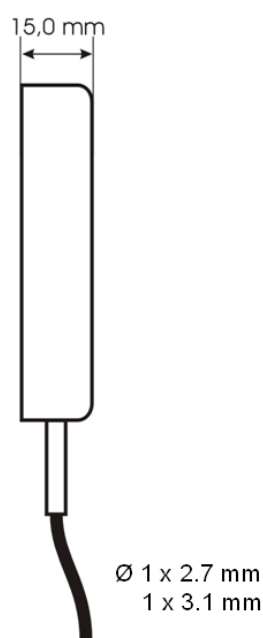
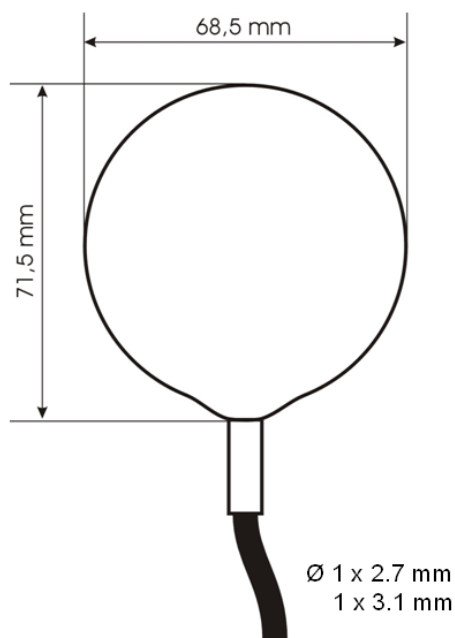
Frequency Range	2400 MHz
VSWR*	< 2.0 typ.
Peak Gain*	+4 dBi typ.

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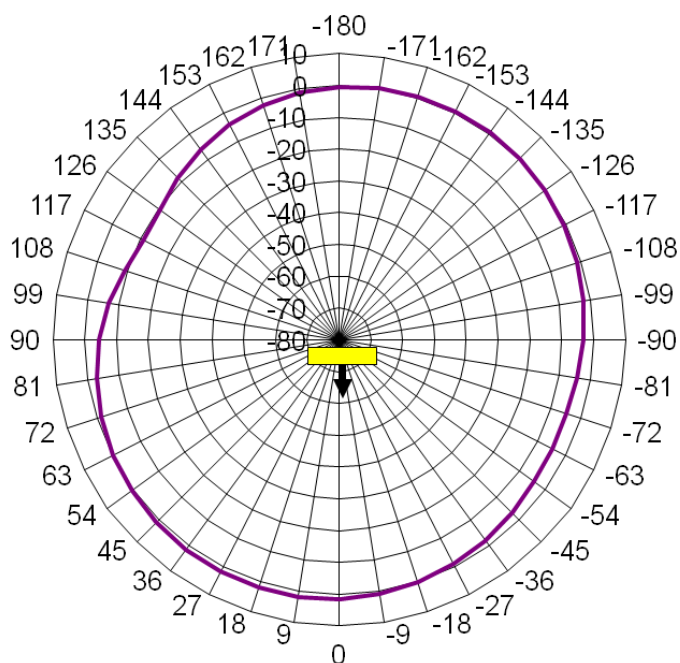
* Measured with 0.6m cable on 30x30cm ground plane

Mechanical Data

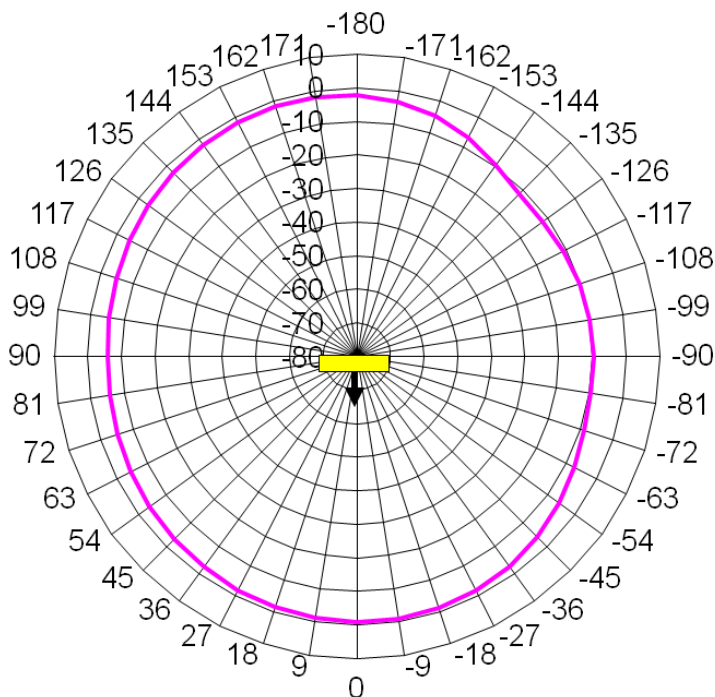
Dimensions (ØxH)	ca. 70 mm x 15 mm
Temperature Range	-40°C to +85°C (operating temperature)
Connection (Standard)	ca. 3m connecting cable RG174 with GSM/FME(f); ca. 3m connecting cable RG174 low loss with WLAN/SMA(m) Other cablelengths and connectors see ordering example and connector list in Internet



Radiation diagram (typ.)*



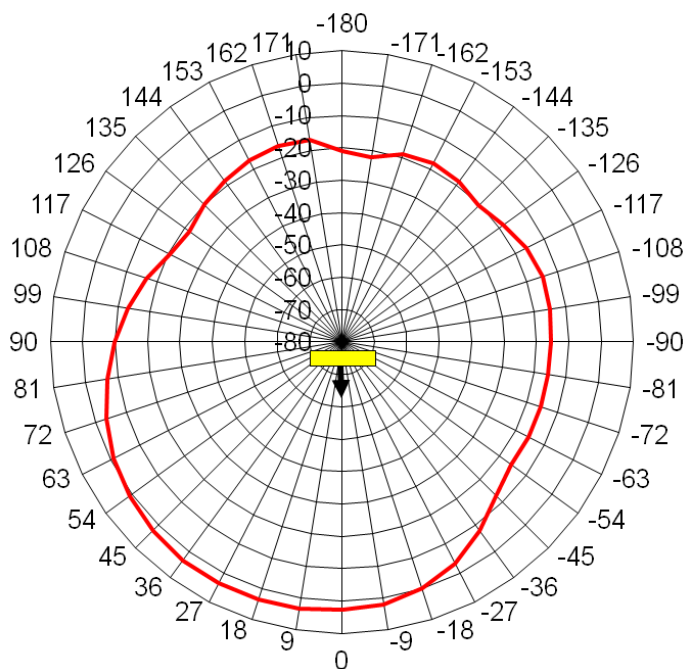
GSM 900 MHz
Peak Gain: +2 dBi



GSM 1800 MHz
Peak Gain: -1 dBi

* Measured with 0.6m cable on 30x30cm ground plane

Radiation diagram (typ.)*



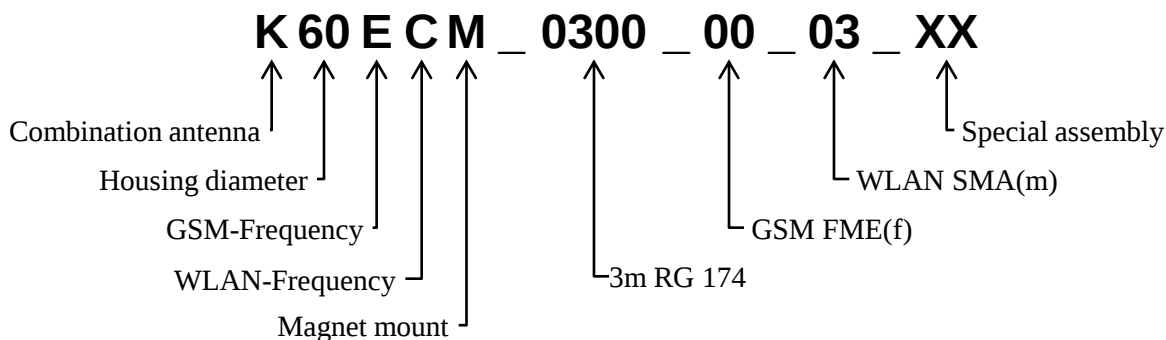
WLAN 2400 MHz
Peak Gain: +4 dBi

* Measured with 0.6m cable on 30x30cm ground plane

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.