




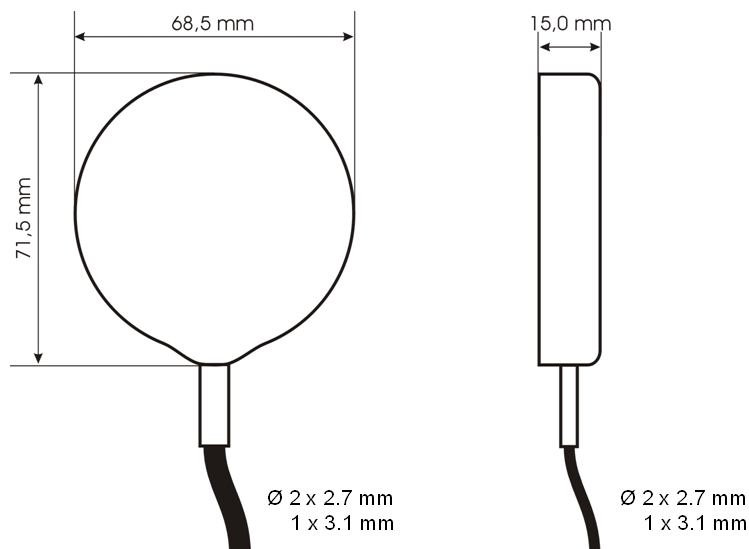
GS-ANT-122



Technical Data		
GSM 850/900/1800/1900 MHz + UMTS + WiFi + GPS high gain		
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) +3 dBi typ. (2100 MHz)
	Power Max.	10 W
	Diagnostic resistor	10 kΩ
GPS	Frequency	1575.42 MHz
	VSWR	1.5 typ.
	Peak Gain	25 dBi typ.
	Power Supply	3V to 5V; 25mA typ.
	V _{DD} max.	+10V _{DC}
	Input Power max.	+17dBm
	Current max.	30mA
WiFi	Frequency Range	2400 MHz
	VSWR*	< 2.0 typ.
	Peak Gain*	+4 dBi typ.
	Power max.	10 W
* Measured with 0.6m cable on 30x30cm ground plane		

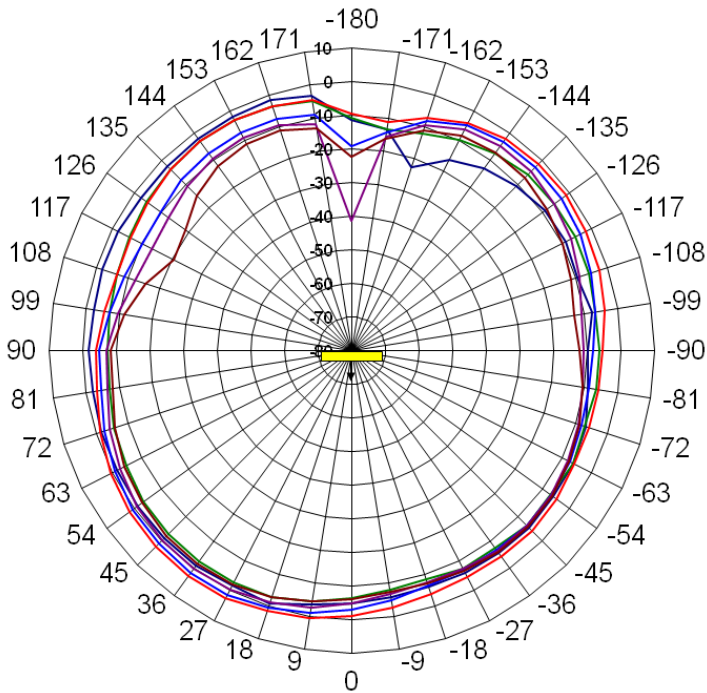
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Mechanical Data	
Dimensions (ØxH)	ca. 70 mm x 15 mm
Temperature Range	-40°C to +85°C (operating temperature)
Cable	GPS: GSM: each ca. 3m RG174 WiFi:
Connector	GPS: SMA (m) 
	GSM: FME (f) 
	WiFi: R-SMA (m) 
Including 868 MHz – services and DECT	
Magnet mounting antenna waterproof IP68	
3 Neodym magnets for optimal fixing	
RoHS- and REACH-conform	



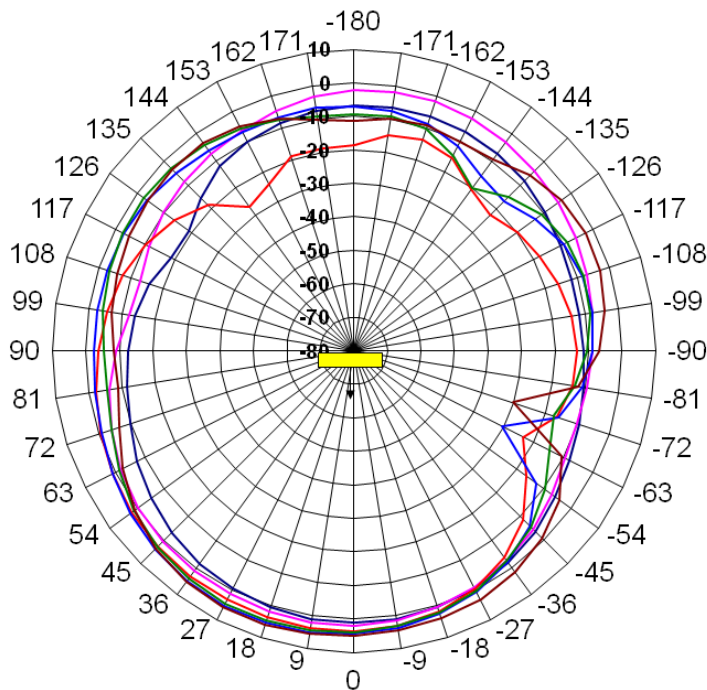
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Rotation diagram (typ.)*



GSM 900 MHz

Peak Gain: +1dBi



GSM 1800 MHz

Peak Gain: +3 dBi

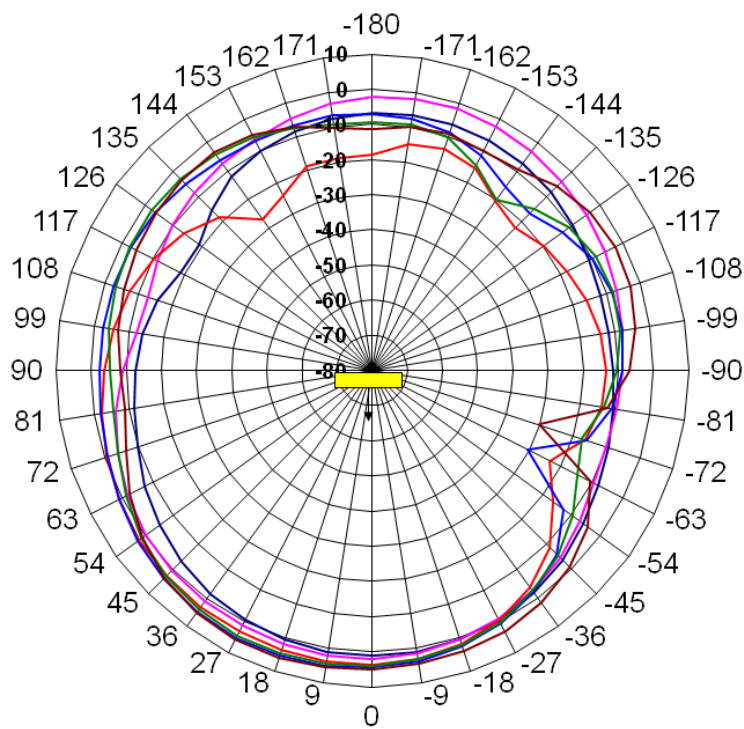
GSM 2100 MHz

Peak Gain: +4 dBi

* Measured with 0.6m cable on 30x30cm ground plane

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Rotation diagram (typ.)*



WiFi 2400 MHz

Peak Gain: +4 dBi



* Measured with 0.6m cable on 30x30cm ground plane