



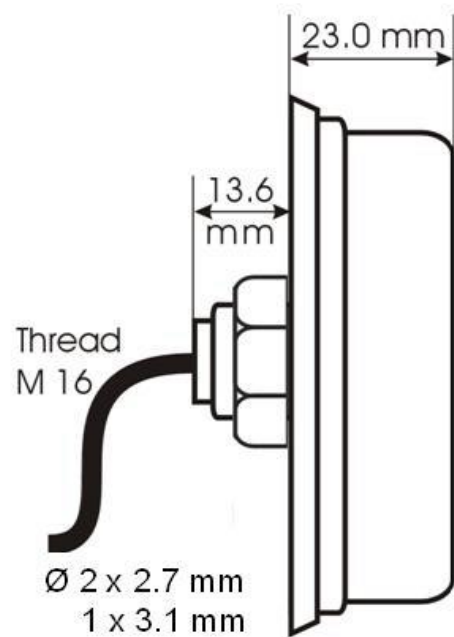
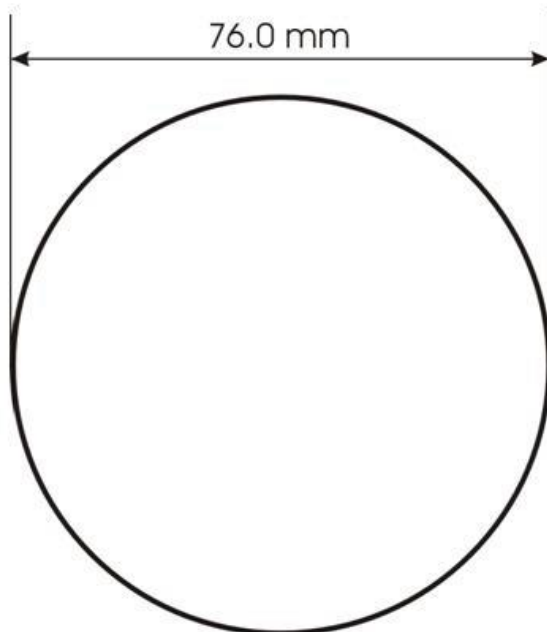
GS-ANT-11-25-5M



Technical Data		
GSM 850/900/1800/1900 MHz + UMTS + GPS high gain		
GSM	Frequency Range	850/900/1800/1900+2100 MHz
	VSWR*	< 2.0 typ.
	Peak Gain*	+5 dBi typ. (900 MHz) +3 dBi typ. (1800 MHz) +1 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
* Measured with 0.6m cable on 30x30cm ground plane		

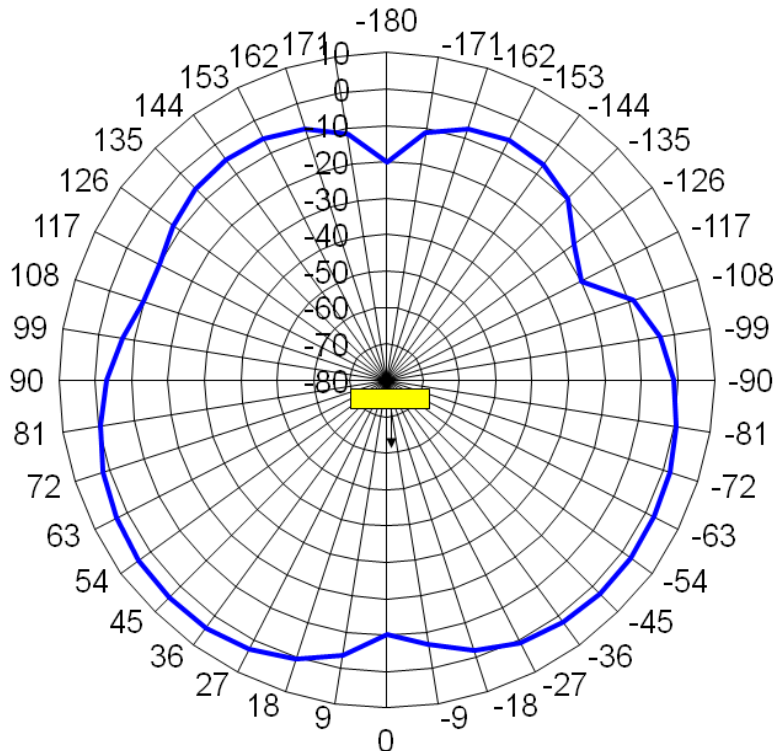
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Mechanical Data		
	Dimensions (ØxH)	ca. 76 mm x 23 mm
	Cable	GPS: } GSM: } ca. 5m RG174
	Connector	GSM: FME (f) 
		GPS: SMA (m) 
	Temperature Range	-40°C to +85°C (operating temperature)
Including 868 MHz – services and DECT		
Waterproof TÜV passed: IP69K (mounted)		
RoHS- and REACH-conform		



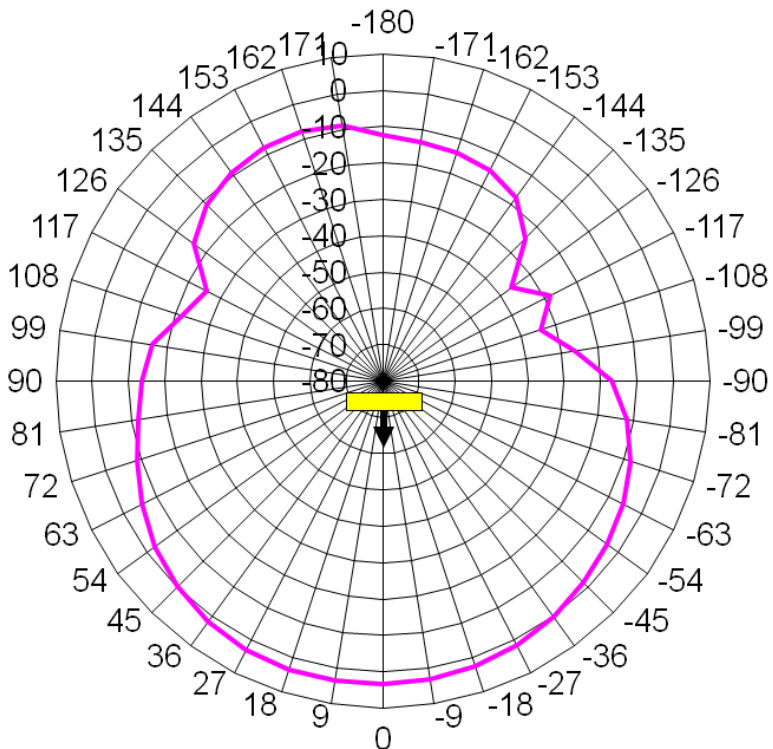
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Radiation diagram (typ.)*



GSM 900 MHz

Peak Gain: +5 dBi



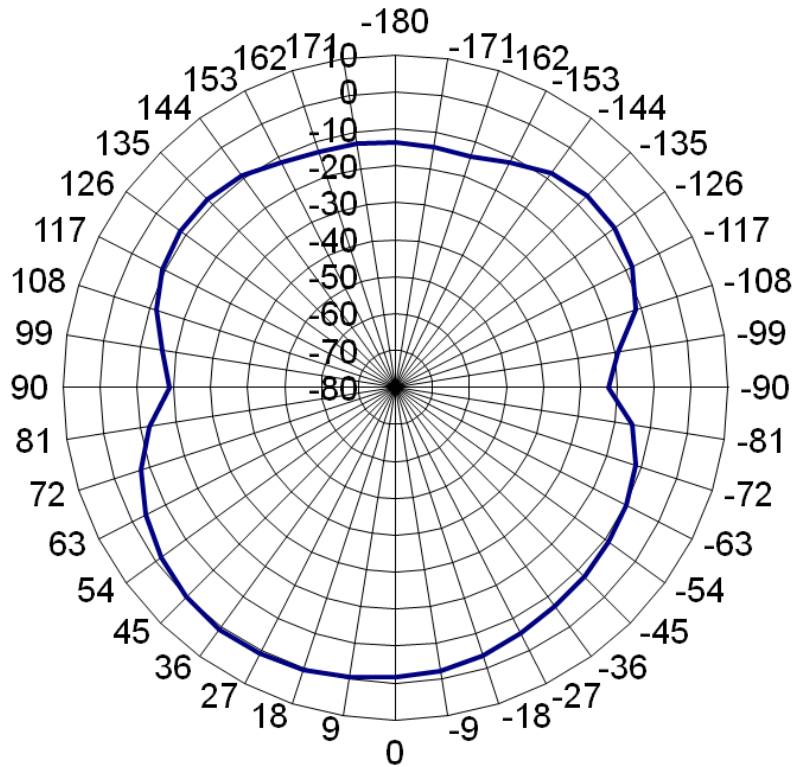
GSM 1800 MHz

Peak Gain: +3 dBi

* Measured with 0.6m cable on 30x30cm ground plane

GS-ANT-11-25-5M

Radiation diagram (typ.)*



GSM 2100 MHz

Peak Gain: +1 dBi

* Measured with 0.6m cable on 30x30cm ground plane