

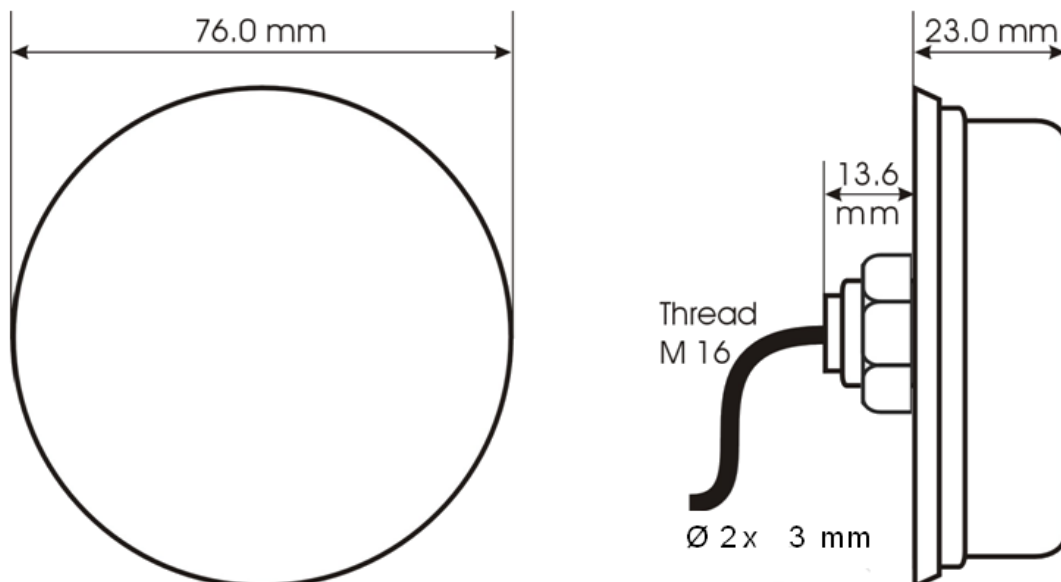
GS-ANT-K-LTE-1200



Technical Data			
Roof mount antenna, multiband			
• GSM 800/850/900/1800/1900 MHz • 2100 MHz UMTS • LTE Band 20 / 7 • GNSS: GPS / GLONASS / GALILEO, high gain			
GSM/UMTS/LTE	Frequency Range	800,850,900,1800,1900 + 2100 + 2600MHz	
	VSWR*	< 2.0 typ.	
	Peak gain*	800 MHz 900 MHz 1800 MHz 2100 MHz 2600 MHz	+0 dBi typ. +5 dBi typ. +3 dBi typ. +1 dBi typ. +2 dBi typ.
	Power max.	10 W	
	Diagnostic resistor	10 kΩ	
GNSS	Frequency Range	1575 .. 1609 MHz	
	VSWR*	1.5 typ.	
	Peak gain*	25 dBi typ.	
	Power	3 V .. 5 V , 11.5 mA typ.	
	VDD max.	+ 6 VDC	
	Input signal max.	-15 dBm	
	Current max.	13 mA	

GS-ANT-K-LTE-1200

Mechanical Data		
	Dimensions (ØxH)	ca. 76 mm x 23 mm
	Cable / Connector	GSM: 3m mini LowLoss, SMA(m) GNSS: 3m mini LowLoss, SMA(m)  Others on request
	Temperature range	-40°C .. +85°C
	Roof mount	
	Waterproof TÜV passed: IP69K (mounted)	
	RoHS compliant, REACH conform	
* Measured with 0.6m cable on 300x300mm ground plane		

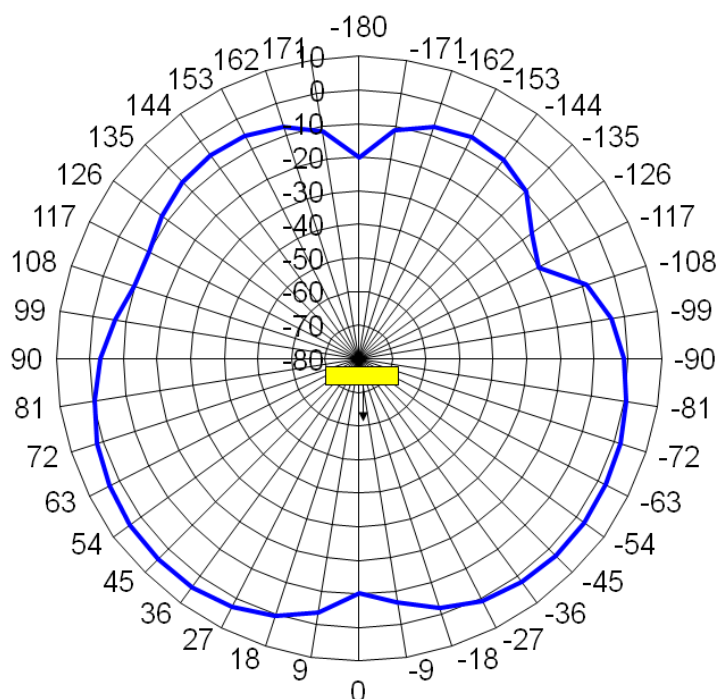


Mounting instructions:

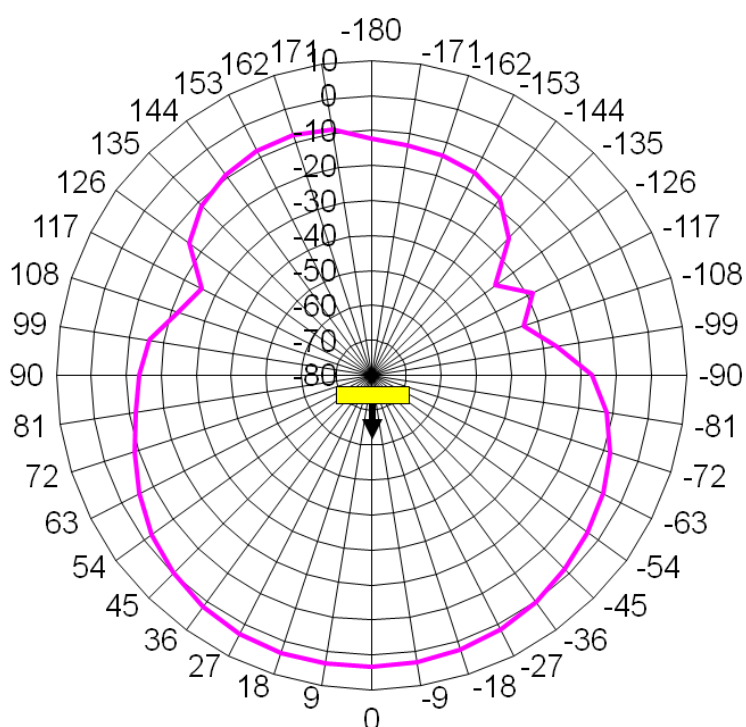
- Mounting plate integrated into antenna, no additional plate necessary.
- Mount on clean, plain, stainless surface
- Mounting hole: Ø 16mm (+2 mm / -0 mm)
- Max torque on screw (M16): 4 Nm min., 6 Nm max.

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Radiation diagram (typ.)*



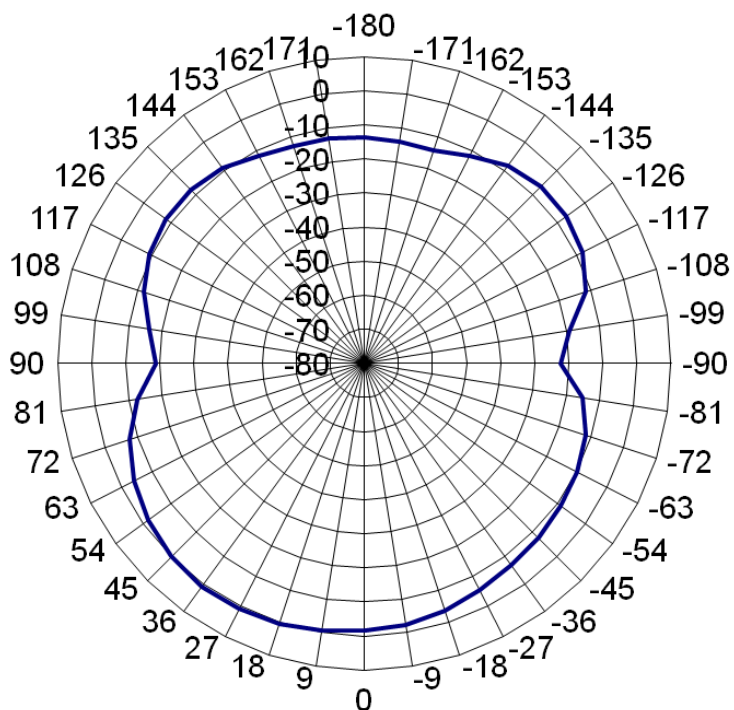
GSM 900 MHz
Peak gain: +5 dBi



GSM 1800 MHz
Peak gain: +3 dBi

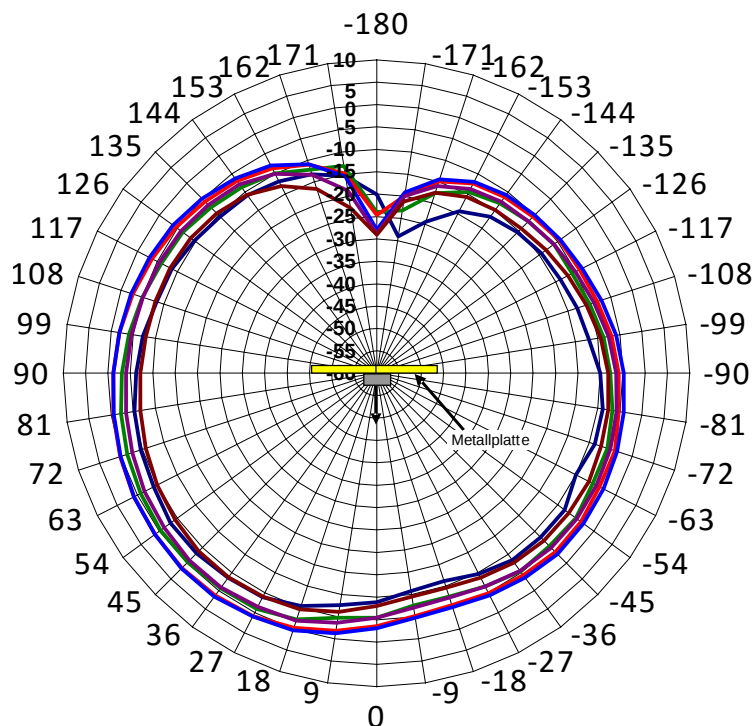
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Radiation diagram (typ.)*

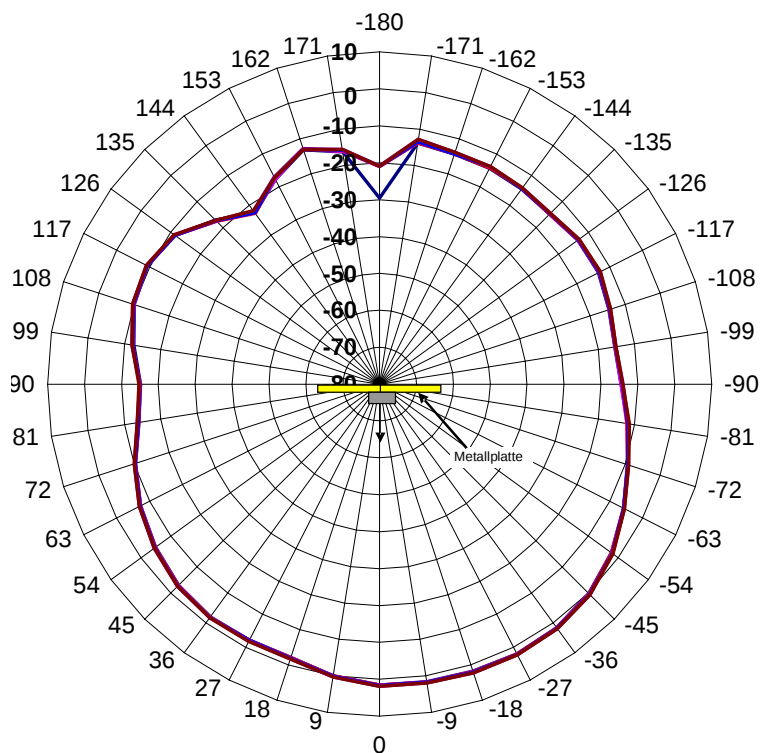


GSM 2100 MHz
Peak gain: +1 dBi

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LTE 800 MHz
Peak gain: 0 dBi



LTE 2600 MHz
Peak gain: +2 dBi