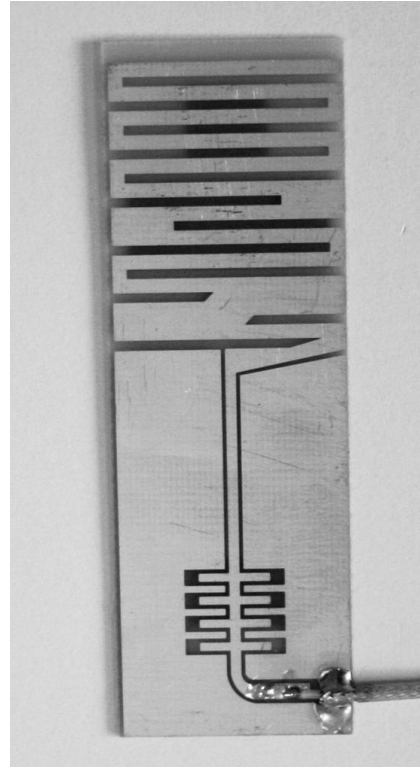
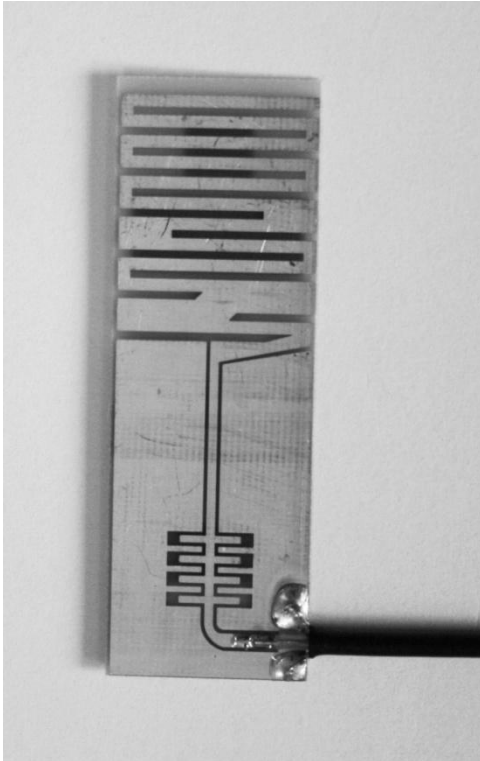


Mobile Communications Antenna M24QXO

GSM 850 / 900 / 1800 / 1900 MHz

Without Housing



Customized Antenna

- Our products are RoHS- and REACH-conform
- Including 868 MHz – services and DECT
- We will fit the antenna to your housing!



Technical Data

GSM

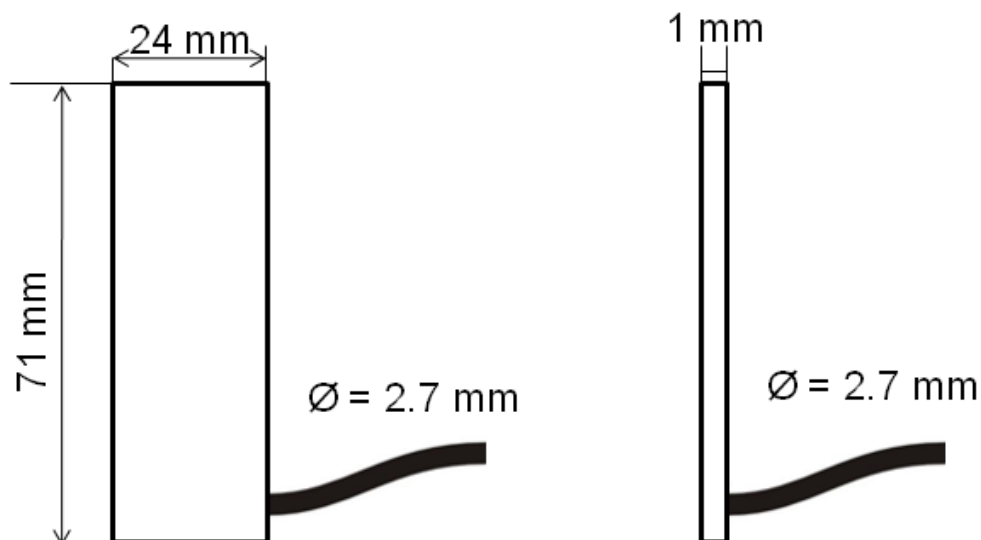
Frequency Range	850/900/1800/1900 MHz
VSWR*	< 2.0 typ.
Peak Gain*	-2 dBi typ. (900 MHz) -1 dBi typ. (1800 MHz) -2.5 dBi typ. (2100 MHz)
Power max.	10 W

Customized Antenna

* Measured with 0.6m cable on 30x30cm ground plane

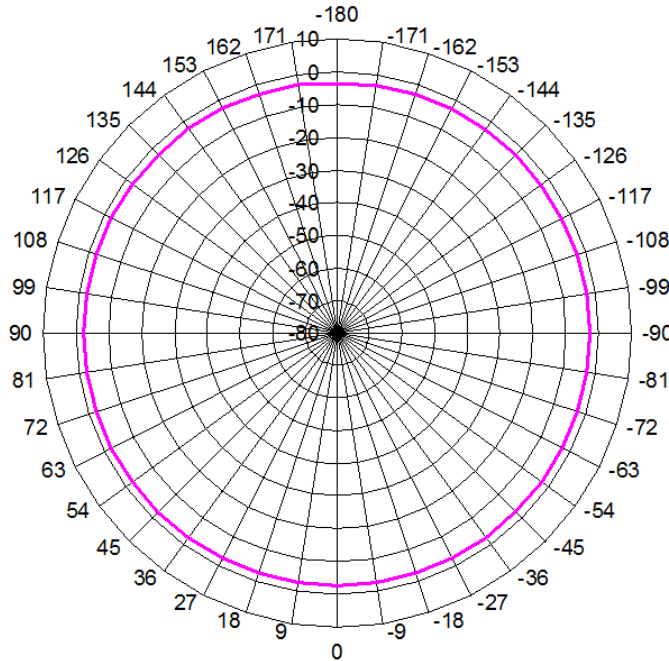
Mechanical Data

Dimensions (LxBxH)	ca. 90 mm x 12 mm x 1 mm
Temperature Range	-40°C to +85°C (operating temperature)
Connection (Standard)	ca. 3m connecting cable RG174 with GSM/FME(f) Other cablelengths and connectors see ordering example and connector list in Internet

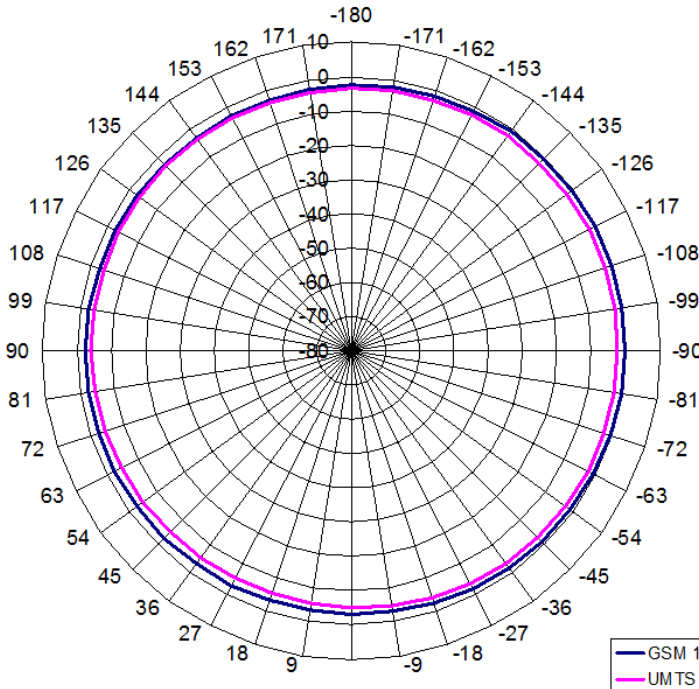


Radiation diagram (typ.)*

Customized Antenna



GSM 900 MHz
Peak Gain: -2 dBi



GSM 1800 MHz
Peak Gain: -1 dBi

GSM 2100 MHz
Peak Gain: -2.5 dBi

— GSM 1800/1900
— UMTS

* Measured with 0.6m cable on 30x30cm ground plane

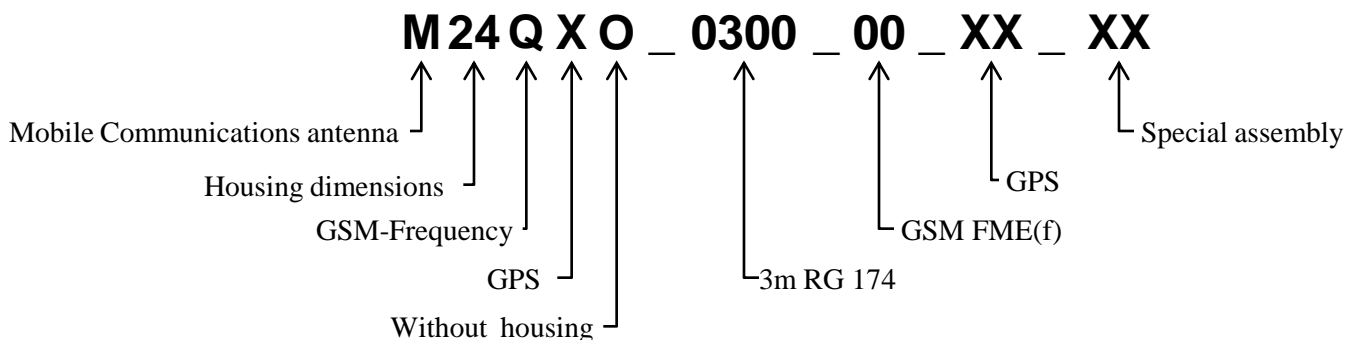
Mounting Instructions

- 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).
- The Operation of the antenna is only guaranteed by installation with the delivered sticker.
- Mountable on all clean, smooth and stainless surfaces.
- Mountable on glass and non-metallic materials.
- Don't stick the antenna under +10°C to get an optimal adhesion of the sticker.
- Clean seating nonfat before sticking by using the delivered cleaning cloth
- The protection foil has to be removed from the sticker. Stick the antenna on with it's level side and advantage direction (cable pointing below) and apply sufficient pressure.

Delivery includes: Sticker; cleaning cloth with isopropanol

Important: Before sticking please test the adhesive bonding possibility of the material!

Ordering example



Warranty

The lawful warranty conditions apply.