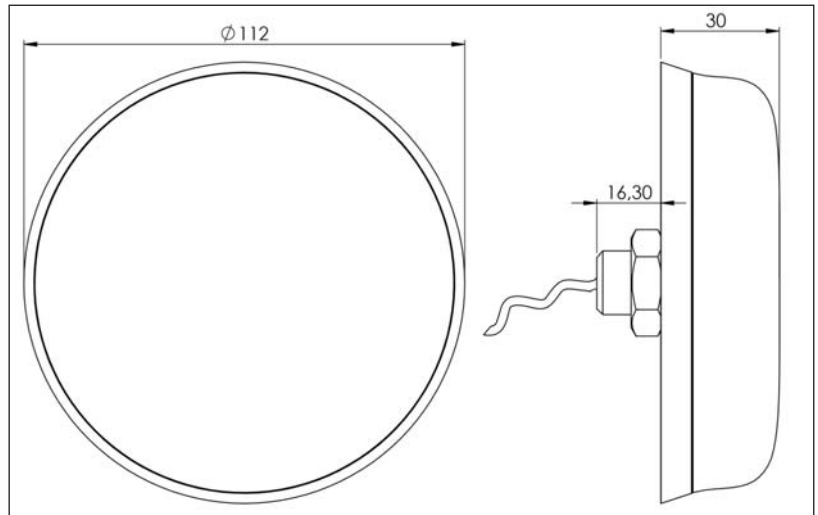


# MC0114078-MIMO

## MIMO LTE + UMTS, IP69K

**MIMO LTE (4G) GSM 850/900/1800/1900 MHz + UMTS  
incl. LTE Band: 1, 2, 3, 4, 5, 8, 25, 26 + Band 7, 13, 20**

**GSM/UMTS/LTE**



### Technical data:

Frequency Range	GSM 850/900/1800/1900 MHz + UMTS inkl. LTE Band: 1, 2, 3, 4, 5, 8, 25, 26 + Band 7, 13, 20 (4G)
VSWR*	< 2.0 typ.
Peak Gain*	-9 dBi typ. (700 MHz) 0 dBi typ. (800 MHz) +3 dBi typ. (900 MHz) +3 dBi typ. (1800 MHz) +1 dBi typ. (2100 MHz) +2 dBi typ. (2600 MHz)
Power	max. 10 W

\* measured with 0.60m cable on 30x30cm ground plane



### Dimensions and connectors:

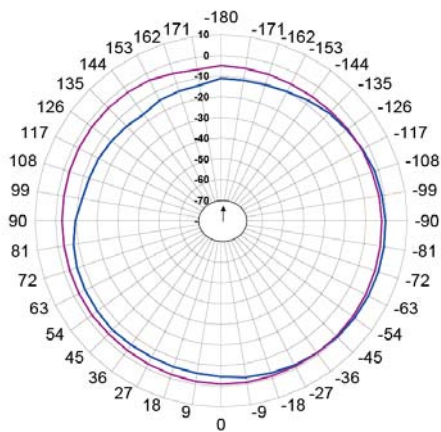
Dimensions (Ø/h):	approx. 112 mm x 30 mm
Mounting:	roof mounting (bracket for wall mounting on request)
Temperature range:	-40°C to +85°C (operating temperature)
Connection (standard):	2 x 3m cable RG 174 lowloss with connectors SMA (male) (other cable-lengths or connectors on request)

**>> Waterproof TÜV passed IP69K mounted <<**

# MC0114078-MIMO

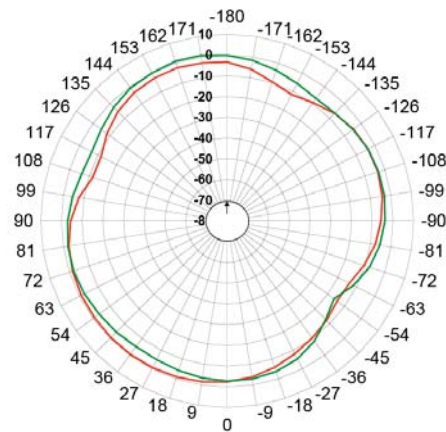
## MIMO LTE + UMTS, IP69K

### Radiation diagram



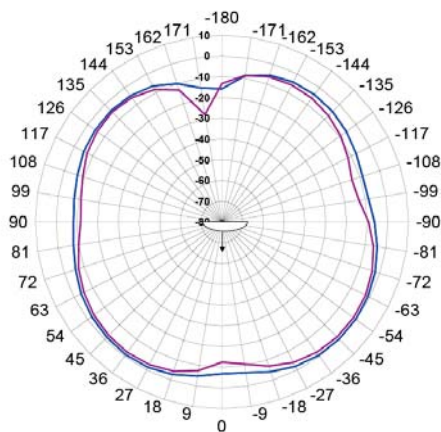
**GSM 2**  
Azimuth

Frequenz :  
— 824  
— 858



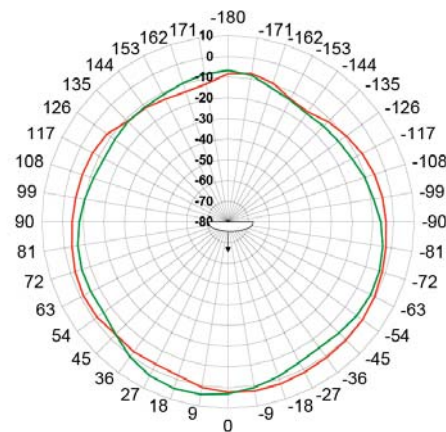
**LTE 2**  
Azimuth

Frequenz :  
— 1900  
— 2100



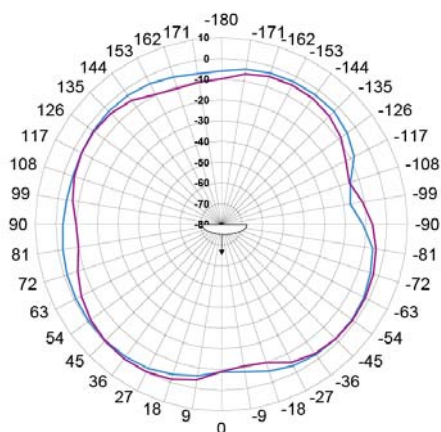
**GSM 2**  
Elevation 90

Frequenz :  
— 824  
— 926



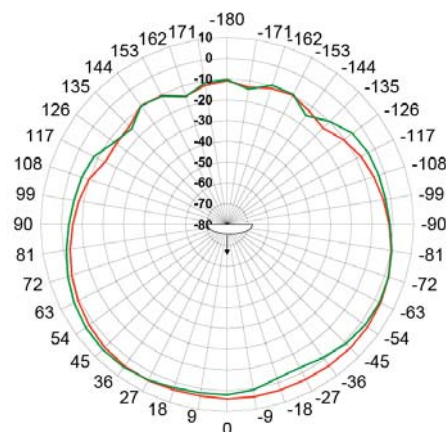
**LTE 2**  
Elevation 90

Frequenz :  
— 1900  
— 2100



**GSM 2**  
Elevation 0

Frequenz :  
— 824  
— 926



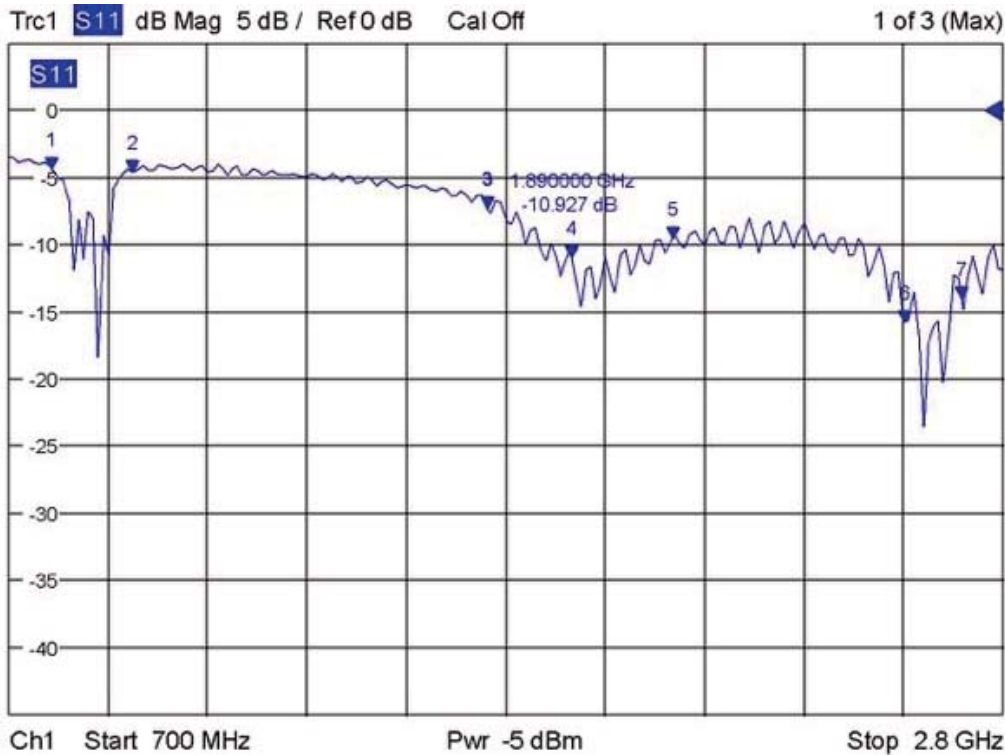
**LTE 2**  
Elevation 0

Frequenz :  
— 1900  
— 2100

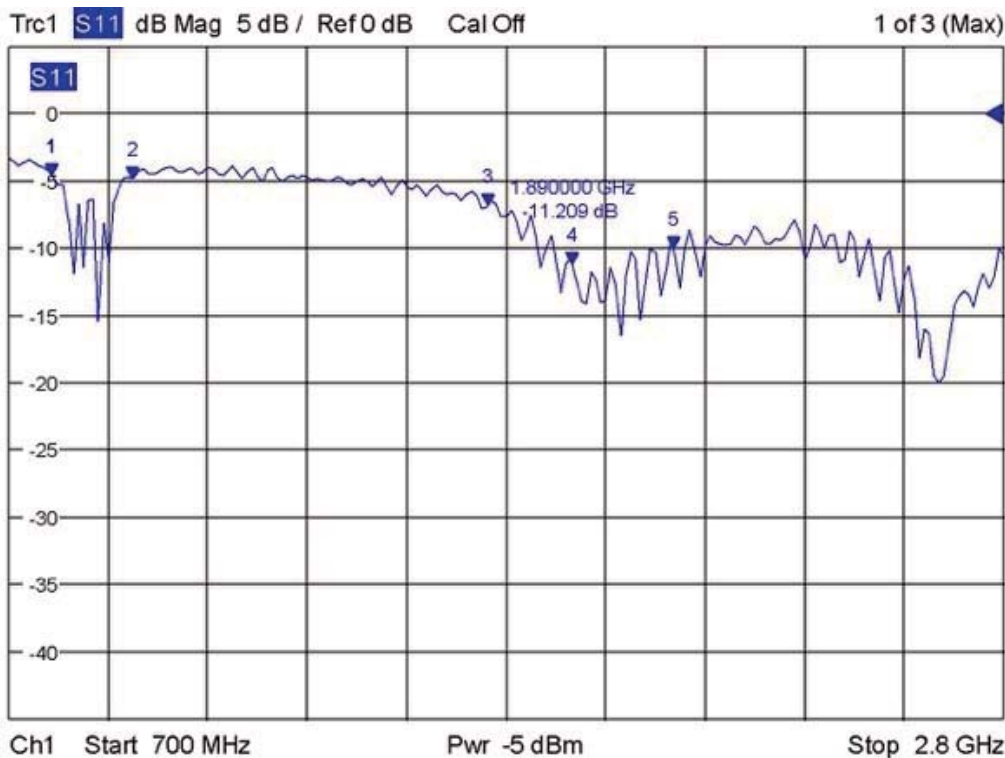
# MC0114078-MIMO

## MIMO LTE + UMTS, IP69K

### VSWR:



Date: 1.DEC.2016 16:48:44



Date: 1.DEC.2016 16:21:24