

MC0114078-W-LAN

Planar Combination Antenna GSM 900/1800 MHz + WLAN 2400 MHz



Waterproof TÜV passed IP69K mounted
Our products are RoHS-and REACH-conform 10.02.2011

Technical Data

	GSM	WLAN
Frequency Range	900/1800 MHz	2400 MHz
VSWR*	< 2.0 typ.	< 2.0 typ.
Peak Gain*	+2 dBi typ. (900 MHz) -1 dBi typ. (1800 MHz)	+6 dBi typ.
Power max.	10 W	10 W

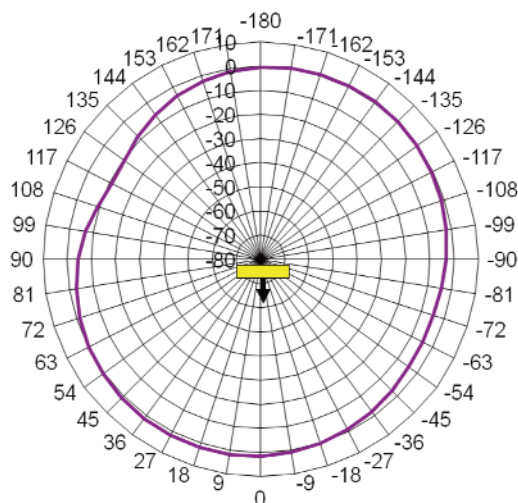
* Measured with 0.6m cable on 30x30cm ground plane

Mechanical Data

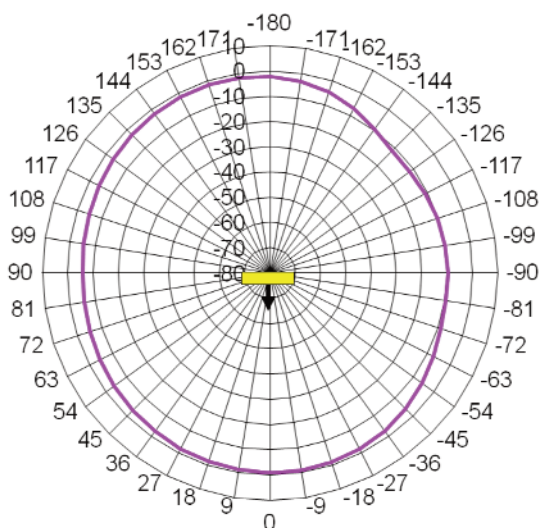
Dimensions (ØxH)	approx. 76mm x 23mm
Temperature Range	-40°C to +85°C (operating temperature)
Connection (Standard)	approx. 3m cable RG174 FME (female) for GSM approx. 3m cable RG174 SMA (male) for W-LAN

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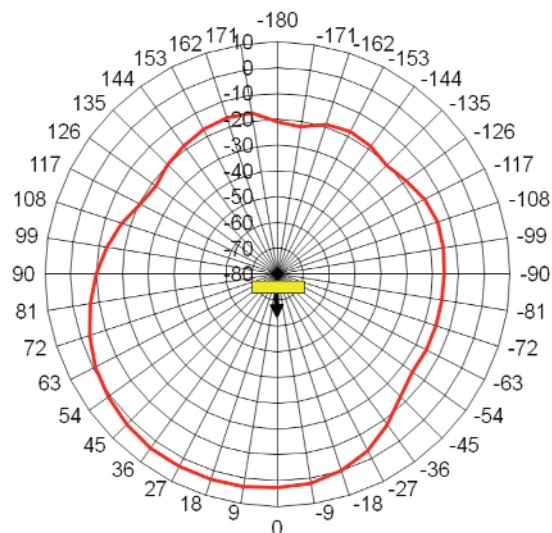
Radiation diagram (typ.)*



GSM 900 MHz
Peak Gain: +2 dBi



GSM 1800 MHz
Peak Gain: -1 dBi



WLAN 2400 MHz
Peak Gain: +6 dBi

* Measured with 0.6m cable on 30x30cm ground plane