

Antenna-Roof-UWG

Rooftop antenna for vehicles and cabinets



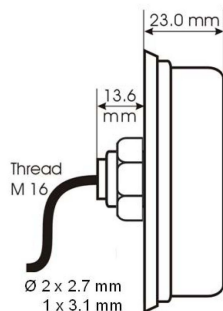
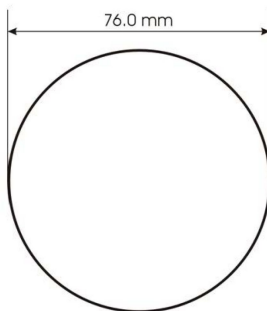
Planar Combination Antenna

- GSM Quadband + UMTS
- Active GPS high gain
- WLAN 2.4 GHz
- Roof mounting
- Waterproof IP69K
- SMA male
- 3m cable

Mechanical Data

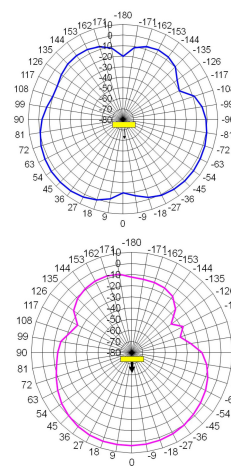
Dimensions (ØxH) ca. 76 mm x 23 mm
 Temperature Range -40°C to +85°C (operating temperature)
 Connection (Standard) ca. 3m connecting

SMA(m)

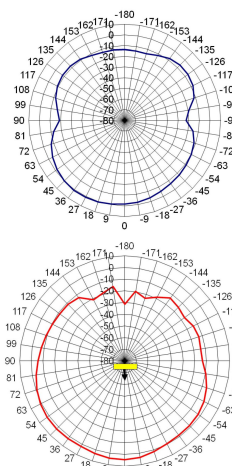


Radiation diagram (typ.)*

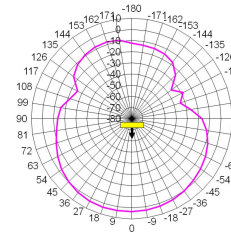
Radiation diagram (typ.)*



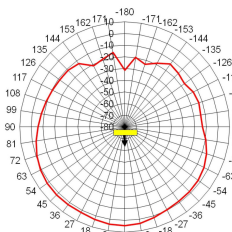
GSM 900 MHz
Peak Gain: +5 dBi



GSM 2100 MHz
Peak Gain: +1 dBi



GSM 1800 MHz
Peak Gain: +3 dBi



WLAN 2400 MHz
Peak Gain: +6 dBi

* Measured with 0.6m cable on 30x30cm ground plane

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Technical Data GSM

- Frequency range 800/900/1800/1900+2100MHz
- VSWR < 2.0
- Peak gain +5 dBi typ 800/900 MHz; +3 dBi typ 1800/1900 MHz; +1 dBi typ 2100 MHz
- Power max. 10W

Technical Data GPS

- Frequency Range 1575.42 MHz
- VSWR 1.5 typ
- Peak Gain 25 dBi typ
- Power supply 3-5V; 25mA typ

Technical Data WLAN

- Frequency range 2400MHz
- VSWR < 2.0 dBi typ
- Peak gain +6 dBi typ
- Power max 10W