

Antenna-Roof-U2W

UMTS with dual WLAN antenna for vehicles and cabinets



No extra ground planes are necessary for this antenna (ground plane inside)

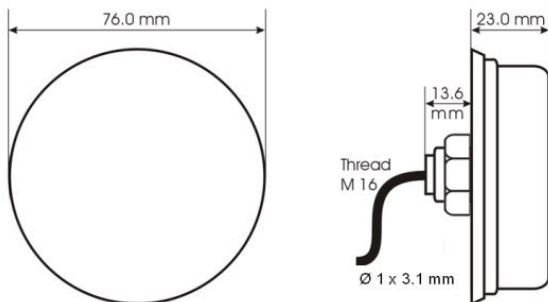
Mountable on all clean, smooth and rust free surfaces

Tightening torque on M16 nut is min. 4Nm to max. 6Nm

Mounting bore hole is \varnothing 16mm (+2mm/-0mm)

Mechanical Data

Dimensions (\varnothing xH)	ca. 76 mm x 21 mm
Temperature Range	-40°C to +85°C (operating temperature)
Connection (Standard)	ca. 3m connecting cable RG174 low loss with WLAN/SMA(m) Other cablelengths and connectors see ordering example and connector list in Internet



Planar Antenna

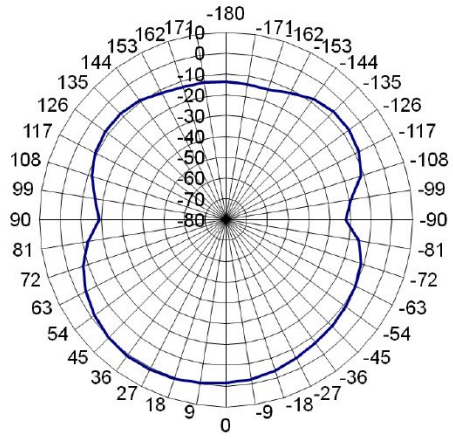
- Roof mounting
- Waterproof IP69K
- SMA male
- 3m cable

Technical data WLAN

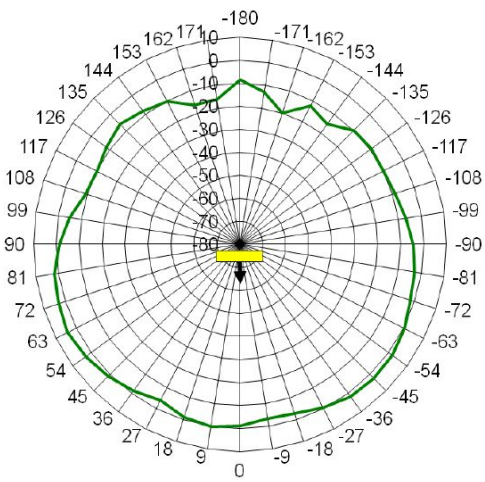
- Frequencies 2400/5300 MHz
- VSWR < 2.0 typ.
- Peak gain +4 dBi typ @2400
- Peak gain +1 dBi typ @5300
- Power max. 10W

Technical data GSM

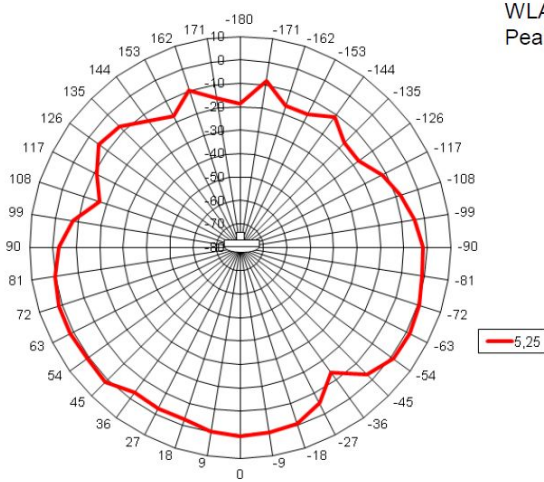
- Frequencies 850/900/1800/1900+2100MHz
- VSWR < 2.0 typ
- Peak gain +2 dBi typ @900
- Peak gain +3 dBi typ @1800
- Peak gain +1 dBi typ @2100
- Power max. 10W



GSM 2100 MHz
Peak Gain: +1 dBi



WLAN 2400 MHz
Peak Gain: +4 dBi



WLAN 5300 MHz
Peak Gain: +1 dBi