

# Antenna-Roof-U

## Rooftop antenna for UMTS networks



### Features

- LTE
- UMTS
- GSM

The Antenna-Roof-U is an omnidirectional antenna for signal enhancement in 3G (UMTS) and 2G (GSM) networks. It can be used for applications like remote monitoring and telematics and can be installed on cabinets, building roofs and much more. With protection level IP69K the antenna is absolutely waterproof and with supported temperature range from -40°C to +85 °C it is suited for indoor and outdoor use as well. The antenna can be mounted permanently with screws and the included 3m cable allows a flexible positioning.

### Frequencies

- 850 MHz
- 900 MHz
- 1800 MHz
- 1900 MHz
- 2100 MHz

## Specifications

Supported Technologies	GSM UMTS LTE
Cellular	Frequencies: 850/900/1800/1900/2100 MHz Gain: +5 dBi typ. (900 MHz) +3 dBi typ. (1800 MHz) +1 dBi typ. (2100 MHz) VSWR: < 2.0 Impedance: Radiation: Omnidirectional Connector: SMA male Cable: RG174, 3m
Certifications	RoHS- and REACH conformity
Protection level	IP69K
Temperature range	-40°C to +85°C
Environment	Outdoor
Color	Black, white, blue or on request
Dimensions	Approx. 76mm x 21mm
Mounting	Mountable on all clean, smooth and rust free surfaces. Tightening torque on M16 nut is min. 4Nm to max. 6Nm. Mountening bore hole is Ø 16mm (+2mm/-0mm)
Order number	Antenna-Roof-U