

MC0114042-2-F-C-D

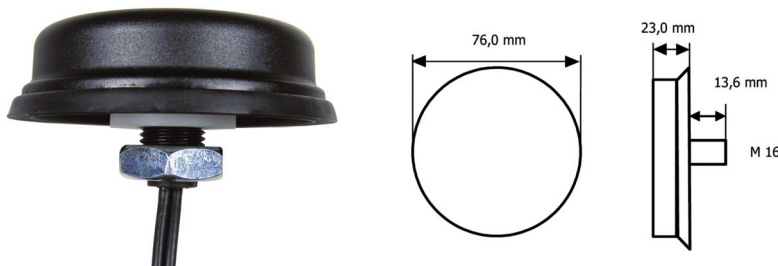
Quadband + UMTS + GPS

Car antenna for roof installation Quadband + UMTS + high gain GPS

GSM/UMTS/GPS



**made
in
Germany**



The planar antennas of the latest technology offers you decisive advantages:

1. roof installation, not only for car, truck and bus
2. installation on all plain surfaces possible
(application at container, automatic machines and railroads...)
3. waterproof with two independent washers in mounted condition
4. flat design (approx. 20 mm high), no additional rod antennas necessary
5. other cable lengths or connectors on request
6. at car wash no disassembly necessary

TECHNICAL DATA:

GSM:

frequency range: 850 / 900 / 1800 / 1900 MHz + 2100 MHz
VSWR: < 2,0 typical
gain: 1,0 dB typical
power max.: ≤ 10 watt

GPS:

frequency range: 1575,42 MHz
circular polarisation,
clockwise rotation
VSWR: 1,5 typical
gain: 27 dB typical
with integrated amplifier
power supply: from 2,7 V up to 5 V
25 mA typical, 30 mA max.

dimensions and connectors:

dimensions (Ø/h): approx. 76mm / 23mm
temperature range: from -40°C up to +105°C
clamp nut: M16
max. locked torque: 5 Nm
connection (standard): 3m dual-cable RG 174 with connectors
GSM/FAKRA-D (f); GPS/FAKRA-C (f)
(other cable-lengths or connectors on request)



Instruction for installation

Mounting hole for all ROOFMOUNT antennas: Diameter 16.2 mm (+2 mm, -0 mm)
Housing 70 with plastic bottom PC: min. 4 Nm up to max. 6 Nm
Housing 98 with plastic bottom PS/ABS: min. 6 Nm up to max. 8 Nm