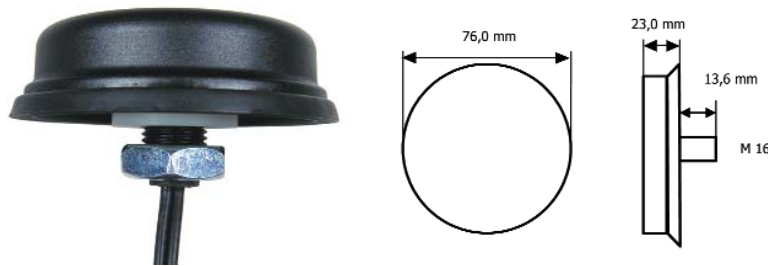


# MC0114042-2 Quadband + UMTS + GPS

## car - window antenna for roof installation Quadband + UMTS + high gain GPS



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 (Æ/h): approx. 76 mm / 23 mm  
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/FME(f); GPS/SMA(m)  
(other cable-lengths or connectors on request)