

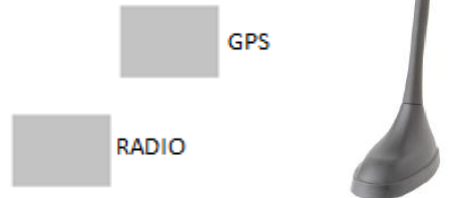
ANTENNA OMNI UMTS/LTE + GPS + RADIO for Car Vehicles roof installation

**900 / 1800 / 2100 MHz GSM/UMTS Bands +
1575.42 MHz GPS Band**

Ref.: VTK-ANT-CAR-UMTS/LTE+GPS+RADIO

Features and benefits:

Water resistant and weatherproof
GPS receiver short circuit protect
Multiband
GSM / UMTS / LTE + GPS + Radio



GSM / UMTS/ LTE

Antenna type: Patch Antenna on PCB
Polarization: Vertical
Frequency: 890-960/ 1710-1880/ 1900-2170 MHz
Impedance: Nom. 50 Ohm
Gain (dB): Nom. 2.14

GPS Specification

Antenna type: Active ceramic patch antenna on PCB
Polarization: RHC (Right Hand Circular)
Frequency: 1575.42 MHz
Impedance: Nom. 50 Ohm
Gain (Lna): Nom. 26 dB
Noise fig: Typ. 1.8-2.2 dB
Power supply: + 3.0 – 5.5 VDC (10-30 mA)

Mechanical Specification

Mount Type: Roof-mounted VHF/UHF glass-fiber antenna base with integrated active GPS and GSM/UMTS/LTE antenna Rod elevation: 75°
Frequency Range: VHF: 130-230 MHz 1 / 4 Lambda UHF: 380-510 MHz 5 / 8 Lambda
Impedance: Nom. 50 Ohm
Dimensions: 95 x 52 mm
Highs above roof: Approx. 44 mm
Mounting- hole: Ø 19 mm
Materials: ABS, POM, PE and steel
Connection to antenna whip: M5
Cable / Connector: GPS: 0,30 m RG174C/U cable, Fakra (m) connector (BLUE)
GSM: 0,30 m RG174C/U cable, Fakra (m) connector (RED)
Com: 0,30 m RG316U cable, Fakra (m) connector (UINVERSAL)