



## ENAIK00N Antenne ANT-09-16

**Economically priced, screwable  
GSM/GPS High Performance Roof Antenna  
for Vehicle Tracking Applications**

This high performance antenna can receive signals of GPS satellites and standard GSM mobile phone signals at the same time.

It is designed to be mounted on the roof of vehicles by screwing it to the roof.

The antenna has extra long cables for easy mounting of the antenna outside vehicles.

By careful adoption of the antenna to the ENAIK00N onboard units, best possible reception is guaranteed in all mobile phone networks world wide as well in the 850 MHz band, the 900 MHz band as in the 1,800 MHz and 1,900 MHz band.

In addition to this strong feature list the antenna is also prepared to receive the signals of the UMTS network (1,900 - 2,170 MHz).

### Technical Data

#### GSM/PCN/UMTS

- Frequency range 1: GSM-ETACS-NNT 824-960 MHz
- Frequency range 2: PCN-GSM 1710-1880 MHz
- Frequency range 3: GSM 1850-1990 MHz
- Frequency range 4: UMTS 1900-2170 MHz
- Connector: SMA male
- Impedance: 50 Ω

#### GPS

- Center frequency: 1,575.42 MHz
- Power supply: 3 V to 5,5 V
- Connector: SMA male
- Impedance: 50 Ω

#### Dimensions / Environmental conditions

- Dimensions: 110 x 66 x 21 mm (4.33 x 2.59 x 0.82 in)
- Cable length: 3 m (9.84 ft)
- Protection: IP66
- Temperature range: -40 °C to +80 °C (-40 °F to +176 °F)

### Products and Prices

Product	Part No.	Product Description	Price
ENAIK00N antenna-16	ANT-09-16	Combined GSM/GPS roof antenna with cable, 3 m (9,84 ft) Connector: SMA (m) / SMA (m)	89.90 €