

# Delock Shark Fin Antenna with LTE + WLAN + GNSS multiband

## Description

This multiband antenna by Delock is designed for **mounting on a car roof**.

The so-called **shark fin** antenna has **three different frequency bands**. The GPS patch antenna receives the signals of the Global Navigation Satellite Systems **GALILEO and GPS**. And it also works in all common **LTE** bands. The 2.4 GHz frequency band also covers the **WLAN** range.

## Stylish and functional

The modern design of this shark fin antenna not only looks good, but is also particularly stable and aerodynamic.



**Item no. 90052**

EAN: 4043619900527

Country of origin: Taiwan,  
Republic of China

Package: Box

## Specification

- Connectors:
  - 1 x SMA plug
  - 1 x SMA plug
  - 1 x RP-SMA plug
- **SMA plug:**
  - Frequency range:
  - 698 - 960 MHz
  - 1710 - 2690 MHz
  - Antenna gain: 3.5 dBi
  - VSWR: < 3.0
  - Impedance: 50 Ohm
  - Polarisation: linear
- **RP-SMA plug:**
  - Frequency range:
  - 2400 - 2483.5 MHz
  - Antenna gain: 3.0 dBi

VSWR: < 2.0

Impedance: 50 Ohm

Polarisation: linear

- SMA plug:

Frequency range:

GPS: 1,5754200 GHz

GALILEO: 1,5754200 GHz

Antenna gain: 2 dBi

VSWR: < 1.5

Impedance: 50 Ohm

Polarisation: RHCP

- LNA GNSS:

Antenna gain: 28.0 dBi

Noise figure: < 2.0 dB

VSWR: < 2.0

Power supply: 3.0 - 5.0 V

Current consumption: < 15 mA

- Operating temperature: -40 °C ~ 85 °C
- Housing material: ABS
- Cable length: ca. 3 m
- Cable colour: black
- Cable type: RG-174
- Protection class: IP67
- Dimensions (LxWxH): ca. 182 x 70 x 69 mm

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## System requirements

- Device with free SMA / RP-SMA connectors

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## Package content

- Shark fin antenna
- Nut

## Images



## General

Mounting type:	design mounting
Protection category:	IP67
Suitable for indoor:	yes
Suitable for outdoor:	yes

## Interface

connector:	1 x RP-SMA plug 2 x SMA plug
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## Technical characteristics

Impedance:	50 $\Omega$
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## Physical characteristics

Housing colour:	black
Housing material:	Plastic (ABS)
Cable category:	coaxial cable
Cable colour:	black
Cable length:	3 m (incl. connector)
Length:	182 mm
Width:	69 mm
Height:	70 mm