Delock Shark Fin Antenna with LTE + WLAN + GPS 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 GNSS 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. 89014

EAN: 4043619890149

Country of origin: Taiwan, Republic of China

Package: Retail Box

Technical details

- Connectors:
  1 x FAKRA D jack
  1 x FAKRA Z jack
  1 x FAKRA C jack

- LTE FAKRA D:
  Frequency range:
  698 - 960 MHz
  1710 - 2690 MHz
  Antenna gain: 3.5 dBi
  VSWR: < 3.0
  Impedance: 50 Ohm
  Polarisation: linear

- WLAN FAKRA Z:
  Frequency range:
  2400 - 2483.5 MHz
  Antenna gain: 3.0 dBi

VSWR: < 2.0

Impedance: 50 Ohm

Polarisation: linear

- GNSS FAKRA C:

  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 69 x 70 mm

System requirements

- Device with free Fakra connectors

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 FAKRA C plug 1 x FAKRA D plug 1 x FAKRA Z plug

Technical characteristics

Impedance:	50 Ω

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