

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

Specification

- 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 |