

SENCITY® Road Multifunction Antenna



«All communication standards for buses and trucks in a single product»



Video surveillance and signal control, as well as passenger information, localisation and passenger counting systems represent the state-of-the-art in transport vehicles.

Services such as satellite localisation, mobile communications (GSM, UMTS, LTE), WiFi, FM radio, as well as TETRA and DVB-T are used for this purpose.

HUBER+SUHNER offers a product platform that has been especially adapted to these applications and provides up to four antennas in one housing.

One platform for all bus and truck communication standards

Application

- Urban buses
- Interurban buses
- Coaches
- Trucks

Advantages

- Reduced installation effort:
 - single-hole mounting
 - use of only one multifunction antenna
- Also suitable for plastic roofs

Features

- One connector for each application:
 - Mobile communications: 0.8 - 2.2 GHz
 - WiFi: 2.4 / 5 GHz
 - GPS/Galileo antenna with integrated LNA
 - TETRA 380-430 / 450-470 MHz, FM radio (optional stick antennas)
- No ground plane requirements*
- Robust housing (according to ISO 16750, IP 69K)
- E and CE certification

* A ground plane is required for use of a stick antenna



HUBER+SUHNER supplies precisely tailored assemblies to meet customer-specific requirements, e.g.

- Enviroflex 142 / RG 316 for high frequencies (> 1 GHz)
- RG 58 for low frequencies (< 1 GHz)

For flexible use HUBER+SUHNER provides a variety of connectors such as:

- SMA
- TNC
- BNC
- N
- FME



HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS.

Please note

We provide our customers with product guarantees as regards technical function and suitability for certain purposes exclusively in written agreements. The information in this document has been collected to the best of our knowledge; it serves, first and foremost, as a source of information.

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