

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.

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Application

- Urban buses
- Interurban buses
- Coaches
- Trucks

Advantages

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

Features

- One connector for each application
- No ground plane requirements (depends on the model)
- Robust housing (according to ISO 16750, IP 69K)
- E and CE certification

Type designation	Antenna family	Features	Freq.min. [MHz]	Freq.max [MHz]	Gain [dBi]	Pol.
1399.99.0039	SWA-0860/360/5/10/DFRX30	Cellular, WiFi Embedded GPS/Glonass antenna with integrated LNA Stick antenna socket	790 1710 4900 1574	960 2690 5935 1610	5 4 7	vertical
1399.99.0126	SWA-0860/360/5/10/DFRX30	Cellular, WiFi Embedded GPS/Glonass antenna with integrated LNA	790 1710 4900 1574	960 2690 5935 1610	5 4 7	vertical
1399.99.0127	SWA-0460/360/5/10/DFRX30	TETRA, WiFi Embedded GPS/Glonass antenna with integrated LNA Stick antenna socket	410 1710 4900 1574	430 2690 5935 1610	4 6 7	vertical
1399.99.0128	SWA-2459/360/5/10/MIMO	WiFi 3 x 3 MIMO	2400 4900	2690 5935	6 7	vertical
1399.99.0129	SWA-0727/360/4/10/MIMO	Cellular 2 x 2 MIMO Embedded GPS/Glonass antenna with integrated LNA	698 1710	960 2690	4 5	vertical

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 a variety of connectors is available, such as:

- SMA
- TNC
- BNC
- N
- FME

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HUBER+SUHNER is certified according to EN 9100, ISO 9001, ISO 14001, ISO/TS 16949 and IRIS.

Waiver
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