

SENCITY® Road



Features:

- Rugged vehicle rooftop multi-band antenna for heavy duty vehicles like bus and truck
- Supports cellular, WiFi 2.4, 5 GHz and IEEE 802.11p, GPS/Glonass
- Offers separate connector for each application
- Single hole mounting, easy cabling feed-through
- Works also on non-metallic surfaces

Specifications

Electrical data	Band					GPS/Glonass
Frequency (MHz)	698 to 790	790 to 960	1710 to 2690	1710 to 2690	4900 to 5935	1574 to 1610
VSWR	2.1	1.8	2	1.8	1.8	2
Gain (dBi)	5	5	4	6	7	
Isolation (dB)			20	20		

General data

Nominal impedance (Ω)	50
Polarisation	vertical, vertical, circular right
Composite power max. (W)	10

Mechanical data

Dimensions (height × width × depth)	82 × 83 × 208 mm (3.23 × 3.27 × 8.19 in)
Weight	0.38 kg (0.84 lbs)
Connector	SMA (male), SMA (female), TNC (male)
Cable type	ENVIROFLEX_316

Environmental data

Environment	outdoor
Operation temperature (°C)	−40 to 85
RoHS 2011/65/EU	compliant
IP rating	IP68/IP69K

Material data

Radome colour	RAL 7043 (dark grey)
Radome material	ASA (acrylic ester-styrene-acrylonitrile)
Back/base plate material	Aluminium

Ordering information

Description	Item no.	Version
1399.99.0126	84145275	SMA (male), SMA (female), TNC (male)

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Features:

- Rugged vehicle rooftop multi-band antenna for heavy duty vehicles like bus and truck
- Supports cellular, WiFi 2.4, 5 GHz and IEEE 802.11p, GPS/Glonass
- Offers a stick antenna socket and separate connector for each application
- Single hole mounting, easy cabling feed-through
- Works also on non-metallic surfaces

Specifications

Electrical data	Band					GPS/Glonass
Frequency (MHz)	698 to 790	790 to 960	1710 to 2690	1710 to 2690	4900 to 5935	1574 to 1610
VSWR	2.1	1.8	2	1.8	1.8	2
Gain (dBi)	5	5	4	6	7	
Isolation (dB)			20	20	30	

General data

Nominal impedance (Ω)	50
Polarisation	vertical, vertical, circular right
Composite power max. (W)	10

Mechanical data

Dimensions (height × width × depth)	82 × 83 × 208 mm (3.23 × 3.27 × 8.19 in)
Weight	0.41 kg (0.90 lbs)
Connector	SMA (male), SMA (female), TNC (male)
Cable type	ENVIROFLEX_316

Environmental data

Environment	outdoor
Operation temperature (°C)	−40 to 85
RoHS 2011/65/EU	compliant
IP rating	IP68/IP69K

Material data

Radome colour	RAL 7043 (dark grey)
Radome material	ASA (acrylic ester-styrene-acrylonitrile)
Back/base plate material	Aluminium

Ordering information

Description	Item no.	Version
1399.99.0039	84089087	SMA (male), SMA (female), TNC (male)

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Features:

- Rugged vehicle rooftop multi-band antenna for heavy duty vehicles like bus and truck
- Supports TETRA, WiFi 2.4, 5 GHz and IEEE 802.11p, GPS/Glonass
- Offers a stick antenna socket and separate connector for each application
- Single hole mounting, easy cabling feed-through.

Specifications

Electrical data	Band			GPS/Glonass
Frequency (MHz)	410 to 430	2400 to 2690	4900 to 5935	1574 to 1610
VSWR	2	1.8	1.8	2
Gain (dBi)	4	7	7	
Isolation (dB)	20	20	20	

General data	
Nominal impedance (Ω)	50
Polarisation	vertical
Composite power max. (W)	10

Mechanical data	
Dimensions (height × width × depth)	82 × 83 × 208 mm (3.23 × 3.27 × 8.19 in)
Weight	0.41 kg (0.90 lbs)
Connector	SMA (male) or (female), TNC (male), TNC (female)
Cable type	ENVIROFLEX_316

Environmental data	
Environment	outdoor
Operation temperature (°C)	−40 to 85
RoHS 2011/65/EU	compliant
IP rating	IP68/IP69K

Material data	
Radome colour	RAL 7043 (dark grey)
Radome material	ASA (acrylic ester-styrene-acrylonitrile)
Back/base plate material	Aluminium

Ordering information

Description	Item no.	Version
1399.99.0127	84145481	SMA (male) or (female), TNC (male), TNC (female)