

## SENCITY® Road PUCK Antenna K7023231

### Description

Bus and Tram rooftop antenna for 440-470 MHz.



### Product Configuration

#### Technical Data

##### Electrical Data

	Band 1	Band 2	Band 3
Frequency (MHz)	440 - 450	450 - 465	465 - 470
VSWR	1.7	1.5	1.7
Impedance (Ohm)	50	50	50
Ambient temperature (°C)	25	25	25

##### Ports

	Port 1
Port name	Tetra
Connector	N, jack (female)
Polarization	vertical
DC grounded	Yes

##### Connections

	Band 1	Band 2	Band 3
Port 1	X	X	X

##### General Data

Indicated VSWR values are valid for a metallic ground plane of 1M x 1M or larger.

##### Mechanical Data

Dimensions (mm) 70 x 110 (Height x Diameter)110 x 110 (Diameter x Length)70 x 110 x 110 (Height x Width x Depth)  
Weight (kg) 0.4

Radiator and base: Aluminum.

Radome: High impact plastic.

All screws and nuts: Stainless steel.

All metall parts of this antenna are DC grounded.

Robust and car-wash proof vehicular antenna.

Packaging size (outside): 117 x 117 x 114 mm

##### Environmental Data

Environmental conditions outdoor  
Operation temperature (°C) -40 to 85  
Storage temperature (°C) -40 to 85  
Transport temperature (°C) -40 to 85

## SENCITY® Road PUCK Antenna K7023231

IP rating	IP56
Flammability rating	ECE-R118
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant
WEEE 2012/19/EU	no special marking needed
ELV 2000/53/EC	compliant
REACH 1907/2006/EC	compliant

ECE-R118 for rooftop installation only.

### Material Data

Radome colour	black
Back plate/base plate colour	grey
Back plate/base plate material	Aluminium

### Related Documents

Mounting instruction	DOC-0000864406
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing	DOU-00393996
3D-model	DOC-0000864402

### Additional Information

The drilling diameter is 12 mm except the N connector versions: 17 mm. A special zinc washer ensures a good contact at the edges of the hole.