

## SENCITY® Road PUCK Antenna

K7023211

### Properties

- Frequency range from 406 to 428 MHz
- ECE-R118 approved
- Single-hole mounting with only 70mm in height



### Electrical data

	Band 1	Band 2	Band 3
Frequency	406 MHz ... 410 MHz	410 MHz ... 425 MHz	425 MHz ... 428 MHz
Impedance	50 Ω	50 Ω	50 Ω
VSWR	1.9	1.7	1.9
Ambient Temperature	25 °C	25 °C	25 °C

### Electrical remarks

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

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

### Connections

	Port 1
Port name	Tetra
Band 1	✓
Band 2	✓
Band 3	✓

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**Mechanical data**

Weight	0.4 kg
Dimensions	70 mm x 110 mm (Height x Diameter)
Remarks	Packaging size (outside): 117 x 117 x 114 mm Radiator and base: Aluminum. All metal parts of this antenna are DC grounded. Robust and car-wash proof vehicular antenna.

**Material data**

Radome material	High impact plastic
Radome colour	Grey
Back plate/base plate material	Aluminum
Back plate/base plate colour	Black

**Environmental data**

Operation temperature	-40 °C ... 85 °C
Storage temperature	-55 °C ... 85 °C
Environment (application)	Outdoor
Ingress protection (IP Rating)	Mated / IP56
Flammability rating	ECE-R118

**Environmental remarks**

ECE-R118 for rooftop installation only.

**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.

**Ordering information**

Item number	Item description
84465799	K7023211

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DOCUMENT PIM-P1028 / Date of publication: 08.01.2025 / uncontrolled copy