# **Data Sheet**



## Sencity Road Antenna K7023210

#### **Description**

Bus and Tram rooftop antenna for 406-428 MHz.

Please Note: the M11 interface is moving towards obsolescence, it is recommended to use K7023211 with N connector for new projects.



### **Product Configuration**

#### **Technical Data**

#### **Electrical Data**

	Band 1	Band 2	Band 3
Frequency (MHz)	406 - 410	410 - 425	425 - 428
VSWR	1.9	1.7	1.9
Impedance (Ohm)	50	50	50
Ambient temperature (°C)	25	25	25

#### **Ports**

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

#### Connections

	Band 1	Band 2	Band 3
Port 1	Χ	Χ	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 (Heigth x Width x Depth)
Weight (kg) 0.4

Radiator and base: Aluminum.
Radome: High impact plastic.
All screws and nuts: Stainless steel.

All metal 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) -55 to 85

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## Sencity Road Antenna K7023210

2011/65/EU (RoHS - including 2015/863 and 2017/2102)

compliant

REACH 1907/2006/EC

compliant

**Material Data** 

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

**Related Documents** 

 Mounting instruction
 DOC-0000864522

 Painting instruction
 DOC-0000256180

 Security instruction
 DOC-0000278984

 Outline drawing
 DOU-00394046

 3D-model
 DOC-0000864468

#### **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.

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

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