

Sencity Road Antenna K7023230

Description

Bus and Tram rooftop antenna for 440-470 MHz.

Please Note: the M11 interface is moving towards obsolescence, it is recommended to use K7023231 with N connector for new projects.



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	M, 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) -55 to 85

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2011/65/EU (RoHS - including
2015/863 and 2017/2102)
REACH 1907/2006/EC

compliant

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-00394049

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.