

Sencity Rail Antenna 733707

Description

Railway antenna with Fiberglass Radome.
Frequency Range 146-172 MHz.
Rugged design, meets EN 50155 railway standard.
Fire retardant acc. to EN 45545-2.



Product Configuration

Technical Data

Electrical Data

	Band 1
Band Name	2M Band
Frequency (MHz)	146 - 172
VSWR	2
Impedance (Ohm)	50
Ambient temperature (°C)	25

Ports

	Port 1
Port name	2M Band
Connector	N, jack (female)
Polarization	vertical
DC grounded	Yes

Connections

	Band 1
Port 1	X

General Data

Indicated VSWR values are valid for a metallic ground plane of 2.0M x 1.3M or larger.

Mechanical Data

Dimensions (mm)	355 x 145 x 80 (Height x Width x Depth)
Weight (kg)	0.9

Flange: Aluminum.

Radiator: Copper.

Radome: Fiberglass Colour: Light grey.

All screws and nuts: Stainless steel.

Sealing: Neoprene and EPDM.

Packaging size (outside): 151 x 90 x 415 mm

Environmental Data

Environmental conditions	outdoor
Operation temperature (°C)	-40 to 85
Storage temperature (°C)	-40 to 85
IP rating	IP66

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Flammability rating
2011/65/EU (RoHS - including
2015/863 and 2017/2102)
Lead-free soldered
WEEE 2012/19/EU
REACH 1907/2006/EC

EN 45545-2
compliant

yes
no special marking needed
compliant

Environmental tests: EN 50155:2018-05
Flammability rating: EN 45545-2.

Material Data

Radome colour
Back plate/base plate colour
Back plate/base plate material

grey
grey
Aluminium

Related Documents

Mounting instruction
Painting instruction
Security instruction
Outline drawing
3D-model

DOC-0000864585
DOC-0000256180
DOC-0000278984
DOU-00392178
DOC-0000864584