

Sencity Rail Antenna 727313

Description

FM-broadcast receiving antenna for rail vehicles in fiberglass radome.
Frequency Range 87.5 - 108 MHz.
Rugged design, meets EN 50155 railway standard.
Fire retardant acc. to EN 45545-2.
For receiving only.



Product Configuration

Technical Data

Electrical Data

Band 1	
Band Name	4M Band
Frequency (MHz)	87.5 - 108
Impedance (Ohm)	50
Ambient temperature (°C)	25

Ports

Port 1	
Port name	4M Band
Connector	N, jack (female)
Polarization	vertical
DC grounded	Yes

Connections

Band 1	
Port 1	X

General Data

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
Flammability rating EN 45545-2
2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant
Lead-free soldered yes

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WEEE 2012/19/EU
REACH 1907/2006/EC

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-00394130
DOC-0000864584