

Sencity Rail Antenna 725892

Description

Product discontinued > available while stocks last.
Substitute product is 87010008.
2 dBd gain broadband antenna in fiberglass radome.
Frequency Range 410 - 430 MHz.
Gain dBd 2 (ref. to the quarter-wave antenna).



Product Configuration

Technical Data

Electrical Data

Band 1	
Band Name	Tetra
Frequency (MHz)	410 - 430
Impedance (Ohm)	50
Composite power max (W)	640
Ambient temperature (°C)	50

Ports

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

Connections

Band 1	
Port 1	X

General Data

Requires mounting on a conductive surface with a minimum size of 50 x 50 cm | 19.7 x 19.7 inches by means of existing M10 studs.

Mechanical Data

Dimensions (mm)	355 x 145 x 80 (Height x Width x Depth)
Weight (kg)	0.8

Flange: Aluminum.

Radiator: Copper.

Radome: Fiberglass Colour: Light grey.

All screws and nuts: Stainless steel.

This antenna, tested by an independent institute, is DC grounded to protect against lightning and short circuit by high voltage lines.

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

Environmental Data

Environmental conditions	outdoor
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Operation temperature (°C)	-40 to 85
Storage temperature (°C)	-40 to 85
IP rating	IP66
Flammability rating 2011/65/EU (RoHS - including 2015/863 and 2017/2102)	EN 45545-2 compliant
Lead-free soldered	yes
WEEE 2012/19/EU	no special marking needed
REACH 1907/2006/EC	compliant

Environmental tests: EN 50155:2007

Flammability rating: DIN 5510-2, UL94 HB, EN 45545-2.

Material Data

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

Related Documents

Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984