Data Sheet



Sencity Road Antenna K5022222

Description

Broadband antenna in fiberglass radome. Gain dB 0 (ref. to the quarter-wave antenna).



Product Configuration

Technical Data

Electrical Data

	Band 1
Band Name	2M Band
Frequency (MHz)	152 - 178
VSWR	1.4
Impedance (Ohm)	50
Composite power max (W)	100
Ambient temperature (°C)	50

Ports

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

Connections

	Band 1		
Port 1	X		

General Data

Requires mounting on a conductive surface 1.0 x 2.0 m minimum with 3 studs M10 and counterflange.

Recommended torque: 14 Nm. Note: No superstructures in this area.

Mechanical Data

Dimensions (mm) 225 x 252 x 126 (Heigth x Width x Depth) Weight (kg) 1.2

Radiator and Base: Aluminum. Radome: Fiberglass, colour: Grey.

Studs and all screws and nuts: Stainless steel.

Sealing: Neoprene and polyurethane.

Note: Don't use detergents that might harm the sealing.

DC grounded to protect against lightning and high-tension lines.

Packaging size (outside): 260 x 260 x 130 mm

Document: DOC-0000871221 D / PDO G / date of publication: 27.03.2020 20:35:32 / uncontrolled copy

Data Sheet



Sencity Road Antenna K5022222

Environmental Data

Environmental conditions outdoor
Operation temperature (°C) -40 to 85
Storage temperature (°C) -55 to 85
IP rating IP66
2011/65/EU (RoHS - including compliant 2015/863 and 2017/2102)

WEEE 2012/19/EU no special marking needed

REACH 1907/2006/EC compliant

Material Data

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

Related Documents

 Painting instruction
 DOC-0000256180

 Security instruction
 DOC-0000278984

 3D-model
 DOC-0000862887

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

www.hubersuhner.com

Waiver: It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general information purposes only.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

HUBER+SUHNER:

K5022222