Data Sheet

Sencity Special Communication Antenna K862232

Description

Omni-directional Antenna Frequency Range 406-470 MHz Vertical Polarization Gain 2 dBi

Product Configuration

Technical Data

Electrical Data

	Band 1
Frequency (MHz)	406 - 470
VSWR	1.5
Impedance (Ohm)	50
Gain (dBi)	2
Composite power max (W)	100
Ambient temperature (°C)	50

Ports

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

Connections

	Band 1
Port 1	X

General Data

IMD level

-150 dBc at carrier power 2x 37dBm

Mechanical Data

Dimensions (mm)515 x 21 (Height x Diameter)Weight (kg)0.8Windloadfrontal: 20 N at 150 km/h , Wind speed survival: km/h

Packing size (mm): 112x97x614

Environmental Data

Environmental conditions 2011/65/EU (RoHS - including 2015/863 and 2017/2102) WEEE 2012/19/EU REACH 1907/2006/EC

compliant no special marking needed compliant

outdoor

Mounting:

The antenna can be attached in two ways with the supplied mounting kit:

1. On the tip of a tubular mast of 40-54 mm diameter (connecting cable runs inside the mast).

2. Laterally at the tip of a tubular mast of 20-54 mm diameter (connecting cable runs



Data Sheet

HUBER+SUHNER

Sencity Special Communication Antenna K862232

outside the mast).

Grounding: All metal parts of the antenna including the mounting kit are DC grounded.

Material:

Mounting U-bolt and all screws and nuts: Stainless steel.

Material Data

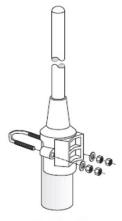
Radome colour	
Back plate/base plate colour	
Back plate/base plate material	

grey grey Aluminium

Related Documents

Mounting instruction Security instruction Outline drawing DOC-0000866082 DOC-0000278984 DOU-00397147

Additional Information



On the tip



Laterally at the tip

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.