## **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



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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**

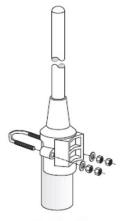
Radome colour	
Back plate/base plate colour	
Back plate/base plate material	

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

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