# **Data Sheet**



# **Sencity Special Communication** 91121743

## **Description**

Indoor Omni-directional Antenna Frequency Range 450-470 MHz Vertical Polarization Gain 2dBi

The antenna needs no additional groundplane.



## **Product Configuration**

#### **Technical Data**

#### **Electrical Data**

	Band 1
Frequency (MHz)	450 - 470
VSWR	2
Impedance (Ohm)	50
Gain (dBi)	2
Composite power max (W)	50
Ambient temperature (°C)	50

#### **Ports**

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

### Connections

	Band 1
Port 1	X

## **General Data**

**Mechanical Data** 

Dimensions (mm) 77 x 258 (Height x Diameter)

Weight (kg) 0.42

Packing size (mm): 267x267x114

#### **Environmental Data**

Environmental conditions indoor
IP rating See remarks
2011/65/EU (RoHS - including compliant
2015/863 and 2017/2102)

WEEE 2012/19/EU no special marking needed

REACH 1907/2006/EC compliant

IP Rating:

IP30

#### Mounting:

Three holes in the base enable a mounting on the ceiling. Two types of screws are supplied. For the N connector a hole in the ceiling with a diameter of 35 mm is required.

#### Grounding:

All metal parts including the inner conductor are DC grounded.

Document: DOC-0000859362 O / PDO H.00 / date of publication: 11.05.2021 16:33:14 / uncontrolled copy

# **Data Sheet**



# **Sencity Special Communication** 91121743

Material:

Reflector: Aluminium.

Radome: High impact polystyrol, colour: white.

Additional painting is possible.

Available accessories:

Power splitters (380-512 MHz)

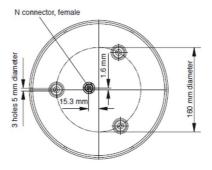
#### **Material Data**

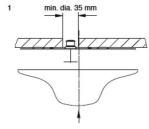
Radome colour white Back plate/base plate material Aluminium

#### **Related Documents**

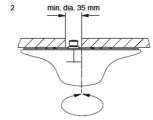
Mounting instructionDOC-0000866090Security instructionDOC-0000278984Outline drawingDOU-00397188

#### **Additional Information**

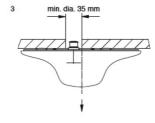




Press radome against installed reflector.



Rotate radome until it locks in place



Pull downwards to remove radome.

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, AS/EN9100, ISO/TS 16949 and IRIS.

www.hubersuhner.com

Waiver: Fact and figures herein are for information only and do not represent any warranty of any kind.