# **Data Sheet**



### **Sencity Special Communication Antenna** 92210002

#### **Description**

Indoor Omni-directional Antenna Frequency Range 380 to 6000 MHz (Multi-Band) Vertical Polarization Gain 4-6dBi



# **Product Configuration**

#### **Technical Data**

#### **Electrical Data**

	Band 1	Band 2	Band 3	Band 4
Frequency (MHz)	380 - 806	806 - 960	1395 - 1432	1710 - 2170
VSWR	2.5	2	2	2
Impedance (Ohm)	50	50	50	50
Gain (dBi)	2	4	5	5
Composite power max (W)	50	50	50	50
Ambient temperature (°C)	50	50	50	50

	Band 5	Band 6	Band 7
Frequency (MHz)	2300 - 2500	3300 - 3700	4900 - 6000
VSWR	2	1.9	1.9
Impedance (Ohm)	50	50	50
Gain (dBi)	5	5	6
Composite power max (W	) 50	50	50
Ambient temperature (°C)	50	50	50

#### **Ports**

	Port 1
Connector	4.3-10, jack (female)
Polarization	vertical
DC grounded	Yes

#### Connections

	Band 1	Band 2	Band 3	Band 4	Band 5	Band 6	Band 7
Port 1	Χ	Χ	Χ	Χ	Χ	Χ	X

#### **General Data**

IMD level -155 dBc at carrier power 2x 20dBm

Indicated VSWR values for 380-806 MHz are valid for a metallic ground plane of 0.4 x 0.4m or larger. Otherwise for this band gain is at 1dBi and VSWR at 3.

#### **Mechanical Data**

Dimensions (mm) 189.8 x 274.1 (Height x Diameter) Weight (kg) 0.55

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#### **Environmental Data**

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

no special marking needed

compliant

Flammability:

UL94

Mounting:

Ceiling mounting.

Grounding:

All metal parts including the inner conductor are DC grounded.

Material:

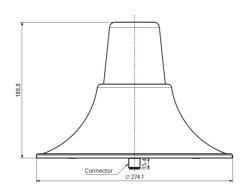
Back plane: Aluminum protected through chemical passivation.

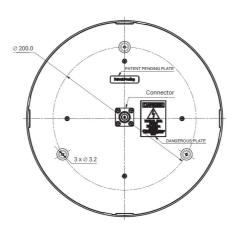
Radome: UV protected polycarbonate.

#### **Related Documents**

Mounting instructionDOC-0000871430Security instructionDOC-0000278984Outline drawingDOU-00398565

#### **Additional Information**





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

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