## **Data Sheet**

# SENCITY Omni-L DECT Antenna 1319.17.0121

#### Description

Omni - directional stick antenna for DECT applications 1880 to 1930 MHz Gain 7 dBi, vertical polarized antenna Ingress protection IP67 (IEC 60529) For outdoor and indoor applications Pole or wall mount

#### **Product Configuration**

#### **Technical Data**

#### **Electrical Data**

Frequency (MHz)1880 - 1930VSWR1.5Impedance (Ohm)50Gain (dBi)73dB beanwidth (h) (°)3603dB beanwidth (v) (°)20Composite power max (W)25Ambient temperature (°C)25		Band 1
Impedance (Ohm)50Gain (dBi)73dB beamwidth (h) (°)3603dB beamwidth (v) (°)20Composite power max (W)25	Frequency (MHz)	1880 - 1930
Gain (dBi)73dB beamwidth (h) (°)3603dB beamwidth (v) (°)20Composite power max (W)25	VSWR	1.5
3dB beamwidth (h) (°)3603dB beamwidth (v) (°)20Composite power max (W)25	Impedance (Ohm)	50
3dB beamwidth (v) (°) 20   Composite power max (W) 25	Gain (dBi)	7
Composite power max (W) 25	3dB beamwidth (h) (°)	360
	3dB beamwidth (v) (°)	20
Ambient temperature (°C) 25	Composite power max (W)	25
	Ambient temperature (°C)	25

#### Ports

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

#### **General Data**

#### Mechanical Data

Dimensions (mm)	500 x 23 (Height x Diameter)
Weight (kg)	0.4

INCLUDED MOUNTING MATERIAL: Bracket 9091.99.0173 and 2 metal-bands for mast-diameter 25mm - 101mm, all piece parts made of stainless steel

#### **Environmental Data**

Environmental conditions	indoor/outdoor
Operation temperature (°C)	-40 to 85
Storage temperature (°C)	-55 to 85
Transport temperature (°C)	-40 to 85
IP rating	IP67
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant
Lead-free soldered	yes
WEEE 2012/19/EU	special marking needed
REACH 1907/2006/EC	compliant

LOW TEMPERATURE: IEC 60068-2-1 72h -55°C HIGH TEMPERATURE: IEC 60068-2-2 72h +85°C HUMIDITY: ETSI EN300-2-4 T4, 1E 144h 95%



## **Data Sheet**

# **HUBER+SUHNER**

# SENCITY Omni-L DECT Antenna 1319.17.0121

SALT SPRAY: EN 60068-2-11 / GB-T 10125 96h MECHANICAL SHOCK: IEC 60721-3-4, 4M5 VIBRATION: IEC 60721-3-4 30 min/axis random 4M5

#### Material Data

Radome colour Radome material RAL 9003 (signal white) Glass Fibre

#### **Related Products**

9091.99.0173 L - bracket for omni stick antennas

#### **Related Documents**

Mounting instruction	DOC-0000296554
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing	DOU-00286837
3D-model	DOC-0000686372

#### Additional Information

This antenna directly replaces the following obsolete item: 23040486 / 1319.17.0117

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

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