

## 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

	Band 1
Frequency (MHz)	1880 - 1930
VSWR	1.5
Impedance (Ohm)	50
Gain (dBi)	7
3dB beamwidth (h) (°)	360
3dB beamwidth (v) (°)	20
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

## SENCITY Omni-L DECT Antenna 1319.17.0121

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%  
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	RAL 9003 (signal white)
Radome material	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