

## 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              |

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%

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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