# Data Sheet

## SENCITY® Omni-S indoor Antenna
## 1319.19.0028

## Description

SENCITY Omni-S indoor DECT antenna
Polarisation: linear vertical
Working range: 1880 to 1930 MHz
Half power beamwidth: 100° vertical, 360° horizontal 2 dBi Gain

## Product Configuration

## Technical Data

### Electrical Data

| | Band 1 |
|---|---|
| Frequency (MHz) | 1880 - 1930 |
| VSWR | 1.5 |
| Impedance (Ohm) | 50 |
| Gain (dBi) | 2 |
| 3dB beamwidth (h) (°) | 360 |
| 3dB beamwidth (v) (°) | 100 |
| Composite power max (W) | 10 |
| Ambient temperature (°C) | 25 |
| Vertical electrical tilt (°) | 0 |

### Ports

| | Port 1 |
|---|---|
| Connector | SMA, jack (female) |
| Polarization | vertical |
| DC grounded | Yes |

### General Data

### Mechanical Data

| | |
|---|---|
| Dimensions (mm) | 43 x 86 (Height x Diameter) |
| Weight (kg) | 0.3 |
| Windload | frontal: 10 N at 160 km/h, lateral:10 N at 160 km/h , Wind speed survival: km/h |

### Environmental Data

| | |
|---|---|
| Environmental conditions | indoor |
| Operation temperature (°C) | -40 to 80 |
| Storage temperature (°C) | -40 to 80 |
| Transport temperature (°C) | -40 to 80 |
| 2011/65/EU (RoHS - including 2015/863 and 2017/2102) | compliant |
| WEEE 2012/19/EU | special marking needed |
| REACH 1907/2006/EC | compliant |

### Material Data

| | |
|---|---|
| Radome colour | RAL 9010 (white) |
| Radome material | ASA (acrylic ester-styrene-acrylonitrile) |
| Back plate/base plate material | Aluminium |

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### Related Products

9091.99.0221 Omni Antenna Ceiling Bracket

### Related Documents

| | |
|---|---|
| Mounting instruction | DOC-0000224458 |
| Painting instruction | DOC-0000256180 |
| Security instruction | DOC-0000278984 |
| Outline drawing | DOU-00068268.1 |



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