

## SENCITY® Spot-S indoor Antenna 1319.19.0004

### Description

SENCITY Spot-S planar indoor DECT antenna  
 Polarisation: LHCP circular left-hand  
 Working range: 1850 to 1990 MHz  
 Half power beamwidth: 70° / 70° (vert./ hor.) 8 dBi Gain  
 Wall mounting socket included



### Product Configuration

#### Technical Data

##### Electrical Data

|                              | Band 1      |
|------------------------------|-------------|
| Frequency (MHz)              | 1850 - 1990 |
| VSWR                         | 1.5         |
| Impedance (Ohm)              | 50          |
| Gain (dBi)                   | 8           |
| 3dB beamwidth (h) (°)        | 70          |
| 3dB beamwidth (v) (°)        | 70          |
| Composite power max (W)      | 10          |
| Ambient temperature (°C)     | 25          |
| Front to back ratio (dB)     | 20          |
| Axial ratio (dB)             | 3           |
| Vertical electrical tilt (°) | 0           |

##### Ports

|              | Port 1             |
|--------------|--------------------|
| Connector    | SMA, jack (female) |
| Polarization | circular left      |
| DC grounded  | No                 |

##### General Data

##### Mechanical Data

|                            |   |
|----------------------------|---|
| Dimensions (mm)            | 101 x 95 x 32 (Height x Width x Depth)                |
| Weight (kg)                | 0.115   |
| Windload                   | frontal: 15 N at 160 km/h , Wind speed survival: km/h |
| Included mounting material | Wall mounting material                                |

Mounting socket material: ASA and aluminium

Mounting socket colour: RAL 7042 (dark grey)

##### 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              |

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### Material Data

|                                |   |
|--------------------------------|---|
| Radome colour                  | RAL 7035 (light-grey)                     |
| Radome material                | ASA (acrylic ester-styrene-acrylonitrile) |
| Back plate/base plate colour   | RAL 7042 (dark-grey)                      |
| Back plate/base plate material | ASA (acrylic ester-styrene-acrylonitrile) |

### Related Products

9091.99.0080 Planar Antenna Sidetilt Bracket

### Related Documents

|                      |                |
|----------------------|----------------|
| Mounting instruction | DOC-0000197953 |
| Painting instruction | DOC-0000197966 |
| Security instruction | DOC-0000278984 |
| Outline drawing      | DOU-00018818   |
| 3D-model             | DOC-0000375222 |