

## SENCITY® Spot-S circular polarized Planar Antenna 1308.99.0004

### Description

SENCITY Spot-S planar antenna for 866 MHz ISM bands

Gain: 3.5 dBi

Polarization: circular - right hand

Frequency - band: 865 to 870 MHz

Half power beamwidth: 90° / 135° (vert. / hor.)

For outdoor or indoor mounting IP66 / IP67



### Product Configuration

### Technical Data

#### Electrical Data

|                              | Band 1    |
|------------------------------|-----------|
| Frequency (MHz)              | 865 - 870 |
| VSWR                         | 2         |
| Impedance (Ohm)              | 50        |
| Gain (dBi)                   | 3.5       |
| 3dB beamwidth (h) (°)        | 135       |
| 3dB beamwidth (v) (°)        | 90        |
| Composite power max (W)      | 10        |
| Ambient temperature (°C)     | 25        |
| Vertical electrical tilt (°) | 0         |

#### Ports

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

#### General Data

#### Mechanical Data

|                            |   |
|----------------------------|---|
| Dimensions (mm)            | 100 x 81 x 36 (Height x Width x Depth)            |
| Weight (kg)                | 0.18  |
| Windload                   | frontal: 15 N at km/h , Wind speed survival: km/h |
| Included mounting material | Wall mounting material                            |

#### Environmental Data

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

IP Rating: IP66 / IP67 (IEC 60529)

#### Material Data

|                 |                    |
|-----------------|--------------------|
| Radome colour   | RAL 7044 (grey)    |
| Radome material | PC (Polycarbonate) |

## SENCITY® Spot-S circular polarized Planar Antenna 1308.99.0004

### Related Products

9091.99.0238 Outdoor Spot-S Antenna Down-Sidetilt Bracket  
9091.99.0237 L-Bracket for SPOT-S antennas

### Related Documents

|                      |                |
|----------------------|----------------|
| Mounting instruction | DOC-0000287053 |
| Painting instruction | DOC-0000256180 |
| Security instruction | DOC-0000278984 |
| Outline drawing      | DOU-00138514   |
| 3D-model             | DOC-0000331433 |

### Additional Information