

SENCITY® Spot-S Indoor Antenna 1324.19.0008

Description

SENCITY Spot-S RHCP planar indoor antenna
Polarization: circular - right hand
IEEE 802.16 and IEEE 802.11 b/g
Working range: 2300 to 2500 MHz WiFi / WLAN
Half power beamwidth: 65° / 70° (vert./ hor.) 8.5 dBi Gain
Wall mounting socket included



Product Configuration

Technical Data

Electrical Data

| | Band 1 |
|------------------------------|-------------|
| Frequency (MHz) | 2300 - 2500 |
| VSWR | 1.5 |
| Impedance (Ohm) | 50 |
| Gain (dBi) | 8.5 |
| 3dB beamwidth (h) (°) | 70 |
| 3dB beamwidth (v) (°) | 65 |
| 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 right |
| DC grounded | No |

General Data

Axial Ratio= 3 dB

Mechanical Data

| | |
|----------------------------|---|
| Dimensions (mm) | 101 x 95 x 32 (Height x Width x Depth) |
| Weight (kg) | 0.11 |
| Windload | frontal: 15 N at 160 km/h , Wind speed survival: km/h |
| Included mounting material | Wall mounting material |

Mounting socket material: ASA

Mounting socket colour: RAL 7042

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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 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 Indoor Antenna Sidetilt Bracket

Related Documents

| | |
|----------------------|----------------|
| Mounting instruction | DOC-0000197953 |
| Painting instruction | DOC-0000256180 |
| Security instruction | DOC-0000278984 |
| Outline drawing | DOU-00018819 |