

SENCITY® Spot-S Indoor Antenna

1324.19.0008

Properties

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

**Electrical bands**

	Band 1
Frequency	2300 MHz ... 2500 MHz
Impedance	50 Ω
VSWR	1.5
Gain	8.5 dBi
HPBW vertical	65 °
HPBW horizontal	70 °
Vertical Electrical Tilt	0 °
Front to back ratio	20 dB
Composite Power max	10 W
Axial ratio	3 dB

Ports

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

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Mechanical data	
Weight	0.11 kg
Dimensions	101 mm x 95 mm x 32 mm (Height x Width x Depth)
Remarks	Windload frontal: 15 N at 160 km/h , Wind speed survival: km/h Mounting socket material: ASA Mounting socket colour: RAL 7042
Interface and material data	
Radome material	ASA (acrylic ester-styrene-acrylonitrile)
Radome colour	RAL 7035 (light gray)
Back plate/base plate material	ASA (acrylic ester-styrene-acrylonitrile)
Back plate/base plate colour	RAL 7042 (dark-grey)
Environmental data	
Operation temperature	-40 °C ... 80 °C
Storage temperature	-40 °C ... 80 °C
Transport temperature	-40 °C ... 80 °C
Environment (application)	Indoor

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DOCUMENT PIM-P31269 / Date of publication: 01.05.2024 / uncontrolled copy