

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

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

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WEEE 2012/19/EU
REACH 1907/2006/EC

special marking needed
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