Data Sheet

SENCITY Planar WiFi Antenna
1356.19.0009

SPA-5600/60/10/0/DS

Description

SENCITY® Spot-S indoor antenna
Directional, ±45°slant dual linear polarised WiFi - Antenna
WLAN IEEE 802.11 a/h/n
5.150 GHz - 5.875 GHz
Wall munting material included
For indoor applications

Product Configuration

Technical Data

Electrical Data

	Band 1
Frequency (MHz)	5150 - 5875
VSWR	1.7
Impedance (Ohm)	50
Gain (dBi)	10
3dB beamwidth (h) (°)	60
3dB beamwidth (v) (°)	60
Front to back ratio (dB)	22
Vertical electrical tilt (°)	0
Port Isolation (dB)	23

Ports

	Port 1	Port 2
Connector	SMA, jack (female)	SMA, jack (female)
Polarization	-45° slant	+45° slant

Connections

	Band 1
Port 1	X
Port 2	X

General Data

DC Grounding	No
Composite Power max (W)	75

Mechanical Data

Dimensions (mm)	101 x 95 x 32 (Heigth x Width x Depth)
Weight (kg)	0.11
Windload	frontal: 15 N at 160 km/h , Wind speed survival: km/h
Mast diameter (mm)	40 - 60
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

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Storage temperature (°C)	-40 to 80
Transport temperature (°C)	-40 to 80
RoHS 2011/65/EC	compliant
Lead-free soldered	yes
REACH 2006/1907/EC	compliant

Material Data

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

Related Products

9091.99.0029 Pol Bracket

9091.99.0080 Sidetilt Bracket

Related Documents

Mounting instruction	DOC-0000197953
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing	DOU-00019981.1

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