

## SENCITY Planar WiFi Antenna 1324.19.0017

SPA-2400/80/9/0/DS

### Description

SENCITY® Spot-S indoor antenna  
 Directional,  $\pm 45^\circ$  slant dual linear polarised WiFi - Antenna  
 WLAN IEEE 802.11 b/g/n  
 WiFi 2400 to 2500 MHz and also LTE 2300 band  
 Wall mounting material included  
 For indoor applications



### 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) (°)	80
3dB beamwidth (v) (°)	70
Front to back ratio (dB)	18
Vertical electrical tilt (°)	0
Port Isolation (dB)	30

#### 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)	10

#### 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

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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 7042 (dark-grey)
Back plate/base plate material	ASA (acrylic ester-styrene-acrylonitrile)

### 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-00087553.1
3D-model	DOC-0000363242