

Sencity Antenna 1319.17.0103

SPA-1900/85/11/0/DS

Description

Only for DECT applications
 Polarization: dual linear, $\pm 45^\circ$ slant



Product Configuration

Technical Data

Electrical Data

	Band 1
Frequency (MHz)	1880 - 1930
VSWR	1.3
Impedance (Ohm)	50
Gain (dBi)	10.5
3dB beamwidth (h) (°)	85
3dB beamwidth (v) (°)	36
Front to back ratio (dB)	20
Vertical electrical tilt (°)	0
Port Isolation (dB)	30

Ports

	Port 1	Port 2
Connector	N, jack (female)	N, 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)	250

Mechanical Data

Dimensions (mm)	272 x 115 x 39 (Height x Width x Depth)
Weight (kg)	1.2
Windload	frontal: 22 N at 160 km/h, lateral: 2 N at 160 km/h, Wind speed survival: km/h
Mast diameter (mm)	54 - 100
Included mounting material	Mast mounting material (2 metal bands)

metal bands are supporting mast diameter 54-100mm

Environmental Data

Environmental conditions	outdoor
Operation temperature (°C)	-40 to 80
Storage temperature (°C)	-40 to 80

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Transport temperature (°C)	-40 to 80
IP rating	IP23
RoHS 2011/65/EU	compliant
REACH 2006/1907/EC	compliant

Material Data

Radome colour	RAL 9002 (grey-white)
Radome material	ASA (acrylic ester-styrene-acrylonitrile)
Back plate/base plate colour	RAL 7042 (dark-grey)
Back plate/base plate material	Aluminium
Plating	Anodized

Related Products

9091.99.0076 Downtilt Bracket

9091.99.0081 Sidetilt Bracket

Related Documents

Mounting instruction	DOC-0000197962
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing	DOU-00018815