Data Sheet



SENCITY OMNI-S Antenna 1399.19.0024

Description

Omni - directional broad-band WiFi antenna Dual - band IEEE 802.11 a/b/g/h Broad-band 2.4 to 6 GHz WLAN, LTE 2.6, WiMax For indoor application



Product Configuration

Technical Data

Electrical Data

	Band 1	Band 2	Band 3
Frequency (MHz)	2400 - 2500	2500 - 4900	4900 - 6000
VSWR	1.6	1.5	1.5
Impedance (Ohm)	50	50	50
Gain (dBi)	4	4	7.5
3dB beamwidth (h) (°)	360	360	360
Composite power max (W)) 160	120	120
Ambient temperature (°C)	25	25	25

Ports

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

General Data

Mechanical Data

Dimensions (mm) 43 x 86 (Height x Diameter)

Weight (kg) 0.3

Windload frontal: 10 N at 160 km/h , Wind speed survival: 160 km/h

Included mounting material Wall and ceiling mounting material

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 compliant

2015/863 and 2017/2102)

WEEE 2012/19/EU special marking needed

REACH 1907/2006/EC compliant

Material Data

Radome colour RAL 7035 (light-grey)

Radome material ASA (acrylic ester-styrene-acrylonitrile)

Back plate/base plate material Aluminium

Related Products

9091.99.0221 Omni Antenna Ceiling Bracket

Data Sheet



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Related Documents

 Mounting instruction
 DOC-0000224458

 Painting instruction
 DOC-0000256180

 Security instruction
 DOC-0000278984

 Outline drawing
 DOU-00060521.1

 3D-model
 DOC-0000250070

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