# **Data Sheet**



# SENCITY® OMNI-S WiFi Antenna 1356.17.0067

### **Description**

Omni - directional WiFi antenna

IEEE 802.11 a/h, frequency band: 5.15 to 5.875 GHz

Wireless LAN / Wi-Fi WLAN

In- and outdoor applications - IP 67

Pole / mast and wall mount



## **Product Configuration**

### **Technical Data**

#### **Electrical Data**

	Band 1
Frequency (MHz)	5150 - 5875
VSWR	1.7
Impedance (Ohm)	50
Gain (dBi)	5
3dB beamwidth (h) (°)	360
3dB beamwidth (v) (°)	25
Composite power max (W	) 6
Ambient temperature (°C)	25
Vertical electrical tilt (°)	0

#### **Ports**

	Port 1
Connector	N, jack (female)
Polarization	vertical
DC grounded	Yes

#### **General Data**

#### **Mechanical Data**

Dimensions (mm) 191 x 17.6 (Height x Diameter)

Weight (kg) 0.1

Windload frontal: 7 N at 160 km/h, lateral:7 N at 160 km/h , Wind speed survival: 220 km/h

Mast diameter (mm) 38.1 - 76.2

Included mounting material Wall and mast mounting bracket

Included mounting material: Bracket and 2 metal bands for mast diameter 25 to 101 mm

#### **Environmental Data**

Environmental conditions indoor/outdoor
Operation temperature (°C) -45 to 70
Storage temperature (°C) -45 to 70
Transport temperature (°C) -45 to 70
IP rating IP67
Flammability rating UL 94-HB

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2011/65/EU (RoHS - including 2015/863 and 2017/2102)

compliant

WEEE 2012/19/EU special marking needed

REACH 1907/2006/EC compliant

Temperature condition low -55°, IEC 60068-2-1 Temperature condition hig +71°, IEC 60068-2-2

Temperature cycling IEC 60068-2-14 1h -45°C to +70°C 3 cycles

Salt spray IEC 60068-2-11 Ka / 500 h

Humidity ETSI EN300-2-4 T4.1E / 144h / 95%

Solar radiation ASTM G53 / 1000 h

Mechanical shock EC 60721-3-4, 4M5

Vibration IEC 60721-3-4 30 min/axis random 4M5

#### **Material Data**

Radome colour RAL 9002 (grey-white)
Radome material PP (Polypropylene)

#### **Related Documents**

 Mounting instruction
 DOC-0000456327

 Painting instruction
 DOC-0000256180

 Security instruction
 DOC-0000278984

 Outline drawing
 DOU-00129898

 3D-model
 DOC-0000406118

#### **Additional Information**

Mast / wall mounting accessories included

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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