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.

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
2011/65/EU (RoHS - including compliant

2015/863 and 2017/2102)

WEEE 2012/19/EU special marking needed

REACH 1907/2006/EC compliant

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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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