HUBER+SUHNER® DATA SHEET SENCITY® OMNI-S WiFi Antenna: 1356.17.0067

Rev.: W



SOA-5600/360/5/0/V

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 5150 - 5875 Frequency (MHz) **VSWR** 1.7 5 dBi Gain 3dB beamwidth (h) (9 360 3dB beamwidth (v) (9 25 Vertical electrical tilt (9

General Data

Nominal impedance 50 Ω DC grounded Yes Polarisation vertical

Connector N, jack (female), bottom

Composite power max. 6 W at ambient temperature 25 ℃

Mechanical Data

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

Weight 0.1 kg

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

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 outdoor Operation temperature (℃) -45 to 70 Storage temperature (℃) -45 to 70 Transport temperature (℃) -45 to 70 IP rating IP 67 Flammability rating UL 94-HB RoHS 2002/95/EC compliant

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

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

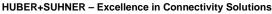
Salt spray IEC 60068-2-11 Ka / 500 h

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

Solar radiation ASTM G53 / 1000 h Mechanical shock EC 60721-3-4, 4M5

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



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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 drawing1
 DOU-00129898

 3D-model (Step)
 DOC-0000406118

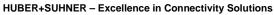
Additional Information

Mast / wall mounting accessories included

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WAIVER!

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