

HUBER+SUHNER® DATA SHEET

Sencity Antenna: 1356.17.0043



Rev.: V

SOA-5600/360/3/20/V_1

Description

Small omni-directional indoor antenna for WiFi applications.
Rugged design, meets EN 50155 railway standard.
Fire retardant acc. to NF-F16-101, NF-F16-102.
Single hole mounting.



Product Configuration

Technical Data

Electrical Data

| | Band 1 |
|------------------------------|---------------|
| Frequency (MHz) | 4900 - 5935 |
| VSWR | 1.5 |
| Gain | 3 dBi |
| 3dB beamwidth (h) (°) | 360 |
| 3dB beamwidth (v) (°) | 25 |
| Vertical electrical tilt (°) | 20 |

General Data

| | |
|----------------------|-----------------------------------|
| Nominal impedance | 50 Ω |
| DC grounded | Yes |
| Polarisation | vertical |
| Connector | N, jack (female), bottom |
| Composite power max. | 75 W at ambient temperature 25 °C |

Mechanical Data

| | |
|---|------------------------------------|
| Dimensions (mm) | 43 x 86 x (Height x Width x Depth) |
| Weight | 0.3 kg |
| Included mounting material | Wall mounting material |
| Single hole mounting. Provides also break-through mounting holes. | |

Environmental Data

| | |
|--------------------------------------|---|
| Environmental conditions | indoor |
| Operation temperature (°C) | -40 to 80 |
| Storage temperature (°C) | -40 to 80 |
| Transport temperature (°C) | -40 to 80 |
| RoHS 2002/95/EC | compliant |
| EN 50155:2007 (Environmental tests). | Radom material complies with UL-94-V-0. |

Material Data

| | |
|--------------------------------|------------------|
| Radome colour | RAL 9010 (white) |
| Radome material | PC |
| Back plate/base plate material | Aluminium |

Related Products

9091.99.0208 Ceiling Bracket
9091.99.0220 Ceiling Bracket_Omni

Related Documents

Mounting instruction DOC-0000247533

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

WAIVER!

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.



HUBER+SUHNER AG
RF Industrial
9100 Herisau, Switzerland
Phone +41 (0)71 353 41 11
Fax +41 (0)71 353 45 90
www.hubersuhner.com

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| | |
|----------------------|----------------|
| Painting instruction | DOC-0000278984 |
| Security instruction | DOC-0000278984 |
| Outline drawing1 | DOU-00094725 |
| 3D-model (Step) | DOC-0000362773 |

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Phone +41 (0)71 353 41 11
Fax +41 (0)71 353 45 90
www.hubersuhner.com

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