# HUBER+SUHNER® DATA SHEET Sencity® SPOT-S Antenna: 1356.17.0078



#### SPA-5600/65/9/0/MIMO

### **Description**

Sencity® SPOT-S directional WiFi-Antenna for MIMO standard 802.11 a/h/n, 3 ports WLAN 5.6 GHz band 5.15 up to 5.935 GHz For outdoor applications

## **Product Configuration**

#### **Technical Data**

#### **Electrical Data**

Frequency (MHz) 5150 - 5935
VSWR 1.7
Gain 9 dBi
3dB beamwidth (h) (°) 65
3dB beamwidth (v) (°) 65
Vertical electrical tilt (°) 0
Isolation between port 20 dB

#### **General Data**

Nominal impedance 50  $\Omega$ 

Connector N, plug (male), bottom

Pigtail Type: SUCOFORM\_86\_LSFH, Length: 0.9 m

Composite power max. 2 W at ambient temperature 25 °C MIMO antenna polarization: 3 x linear: vertical / dual-slant ±45°

Electrical data (VSWR, gain and beam width) is derived from the vertical polarized radiator.

#### **Mechanical Data**

Dimensions (mm) 101 x 80 x 35 (Height x Width x Depth)

Weight 0.27 kg

Windload frontal: 15 N at 160 km/h

Wind speed survival: 220km/h, operational: 160 km/h

Included mounting material Wall mounting material Radome material: Wall mounting material LEXAN EXL 9330

### **Environmental Data**

Environmental conditions outdoor Operation temperature (°C) -40 to 85

Operating conditions ETSI EN 300 019-2-4 V2.2.2 (2003-04) T4.1E

Storage temperature (°C) -40 to 85
Flammability rating UL 94-V0
Solar radiation UL 746C, F1
RoHS 2002/95/EC compliant
Lead-free soldered yes

Ingress protection: IP66 and IP67 according to EN 60529

Vibration and mechanical shock: IEC 61373, Kat. 2

Flammability rating antenna: UL 94-V0 / RF cable pigtail: UL 1581

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.

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Rev.: Y

#### **Material Data**

Radome colour RAL 7044 (grey)

#### **Related Products**

9091.99.0225 Down-/Sidetilt Bracket

9091.99.0238 Metal Down Tilt Bracket for Low Gain Antennas

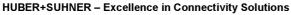
### **Related Documents**

Mounting instructionDOC-0000287053Painting instructionDOC-0000256180Security instructionDOC-0000278984Outline drawing1DOU-001433973D-model (Step)DOC-0000339647

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