# HUBER+SUHNER® DATA SHEET Sencity® SPOT-S Antenna: 1356.17.0077



## SPA-5600/40/14/0/V\_2

#### **Description**

Sencity® SPOT-S Linear polarised directional WiFi-Antenna

IEEE 802.11 a/h/p

Frequency-Band: 5.150GHz-5.975GHz

WLAN

For outdoor applications

Meets EN 50155 railway standard, fire retardant acc. to DIN 5510-2, BS 6853, NF F16-

101/102, CEN/TS 45545

Railway approved acc. to EN50125-3 and prEN 45545-2



### **Product Configuration**

#### **Technical Data**

#### **Electrical Data**

**General Data** 

Nominal impedance  $50 \Omega$  Polarisation vertical

Connector N, jack (female), bottom

Composite power max. 10 W at ambient temperature 25 °C

#### **Mechanical Data**

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

Weight 0.11 kg

Windload frontal: 15 N at 160 km/h Included mounting material Wall mounting material

#### **Environmental Data**

Environmental conditions outdoor
Operation temperature (°C) -40 to 80
Storage temperature (°C) -40 to 80
Transport temperature (°C) -40 to 80
Flammability rating UL 94-V0
RoHS 2002/95/EC compliant
IP Rating: IP66 / IP67

Solar radiation EN 50125-3:2004 §4.9, 1120 W/m² for 20h

Air pressure EN 50125-3:2004 §4.2, Altitude Class A1 (up to 1400m)

Air pulse pressure EN 50125-3:2004 §4.2, 1kPa/s

Rain EN 50125-3:2004 §4.6, delivery rate: 6mm/min

Vibration/Shock EN 50125-3:2004 §4.13, position profile: "outside the track"

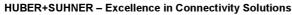
Pollution EN 50125-3:2004 §4.11, pollution levels: 4B1, 4S1

Corrosion MIL-F-14072 E Type 1 "exposed"

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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#### **Material Data**

Radome colour RAL 7044 (grey)
Radome material PC (Polycarbonate)

#### **Related Products**

9091.99.0225 Down\_Sidetilt Bracket\_SencitySpot-S indoor 9091.99.0238 Down\_Sidetilt Bracket\_SencitySpot-S outdoor

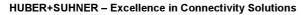
#### **Related Documents**

Mounting instructionDOC-0000287053Painting instructionDOC-0000256180Security instructionDOC-0000278984Outline drawing1DOU-00139088

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