# HUBER+SUHNER® DATA SHEET Sencity® SPOT-S Antenna: 1324.17.0098



## SPA-2400/75/9/0/V\_4

### **Description**

Sencity® SPOT-S Linear polarised directional WiFi-Antenna

IEEE 802.11 b/g

Frequency Band (2.4 GHz - 2.485 GHz)

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  $50 \Omega$  DC grounded Yes 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
Radom Material: Lexan EXL 9330

### **Environmental Data**

Environmental conditions
Operation temperature (°C)
Storage temperature (°C)
Transport temperature (°C)
Flammability rating
ROHS 2002/95/EC
IP Rating:
Outdoor
-40 to 80
-40 to 80
prEN 45545-2
compliant
IP 66 / IP 67

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

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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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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Rev.: T

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

**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 instruction
 DOC-0000287053

 Painting instruction
 DOC-0000197967

 Security instruction
 DOC-0000278984

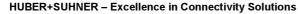
 Outline drawing1
 DOU-00135740

 3D-model (Step)
 DOC-0000344274

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