

HUBER+SUHNER® DATA SHEET

Sencity Antenna: 1308.17.0071

Rev.: H



SPA-860/70/8/0/V_1

Description

RFID Reader Antenna
Polarisation: linear-vertical
Frequency range: 865-870MHz



Product Configuration

Technical Data

Electrical Data

| | Band 1 |
|------------------------------|---------------|
| Frequency (MHz) | 865 - 870 |
| VSWR | 1.3 |
| Gain | 8 dBi |
| 3dB beamwidth (h) (°) | 70 |
| 3dB beamwidth (v) (°) | 65 |
| Front to back ratio | -20 dB |
| Vertical electrical tilt (°) | 0 |

General Data

| | |
|--------------------------------|----------------------------------|
| Nominal impedance | 50 Ω |
| Side lobe suppression (h) (dB) | 20 |
| DC grounded | Yes |
| Polarisation | vertical |
| Connector | N, jack (female), back |
| Composite power max. | 6 W at ambient temperature 25 °C |

Mechanical Data

| | |
|-----------------|---|
| Dimensions (mm) | 190 x 190 x 30 (Height x Width x Depth) |
| Weight | 0.8 kg |

Environmental Data

| | |
|----------------------------|-----------|
| Environmental conditions | outdoor |
| Operation temperature (°C) | -55 to 71 |
| Storage temperature (°C) | -55 to 71 |
| Transport temperature (°C) | -55 to 71 |
| IP rating | IP 67 |
| RoHS 2002/95/EC | compliant |

Material Data

| | |
|--------------------------------|-----------------------|
| Radome colour | RAL 9002 (grey-white) |
| Radome material | PP |
| Back plate/base plate material | Aluminium |

Related Products

9091.99.0201 Down_Sidetilt Bracket

Related Documents

| | |
|----------------------|----------------|
| Mounting instruction | DOC-0000225623 |
| Painting instruction | DOC-0000256180 |
| Security instruction | DOC-0000278984 |
| Outline drawing1 | |

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

HUBER+SUHNER – Excellence in Connectivity Solutions

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