

HUBER+SUHNER® DATA SHEET

Sencity Antenna Customer Specific: 1308.99.0003

Rev.: K



SPA-860/90/2/0/LCP_C

Description

RFID antenna 865 to 928 MHz, LHCP flat panel reader antenna
left hand circular polarised, 3 dB beamwidth 90° horizontal and vertical

Product Configuration

Technical Data

Electrical Data

	Band 1
Frequency (MHz)	865 - 928
VSWR	1.5
Gain	2 dBi
3dB beamwidth (h) (°)	90
3dB beamwidth (v) (°)	90
Front to back ratio	10 dB
Axial Ratio	2.5 dB
Electrical downtilt (v)	0

General Data

Nominal Impedance	50 Ω
DC grounded	Yes
Polarisation	circular left
Composite Power max.	6 W
Ambient Temperature	25 °C

*** Antenna is supplied w/o radome ****

*** Diameter of hole: 26 mm (Rev C) ***

RF connection with pigtail (cable RG 316 and connector MMCX male right angle), length 0.09 m

Mechanical Data

Dimensions (mm)	140 x 140 x 24.4 (Height x Width x Depth)
Weight	0.39 kg

Environmental Data

Operation Temperature (°C)	-55 to 71
Storage Temperature (°C)	-55 to 71
Flammability Rating	UL 94-HB
RoHS	compliant

Humidity: ETSI EN300-2-4 T4.1E (95%, 144 h)

Temp. Cycling: IEC 68-2-14 (-45°C to 70°C, 1h, 3 cycles)

Salt Spray: IEC 68-2-11 Ka (500 h)

Material Data

Back Plate/Base Plate Material Aluminium

Related Documents

Outline Drawing1 DPR-00113828

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

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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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