

HUBER+SUHNER® DATA SHEET

Sencity® SPOT-L RFID Antenna: 1309.19.0003

Rev.: K



SPA-900/65/8/0/LCP_C

Description

Sencity® SPOT-L 865 - 928 MHz UHF RFID portal antenna
ETSI and FCC frequency ranges
Portal antenna and conveyor belt side antenna applications
Very thin design



Product Configuration

Technical Data

Electrical Data

	Band 1	Band 2
Frequency (MHz)	865 - 870	902 - 928
VSWR	2	2
Gain (dBic)	8	8
3dB beamwidth (h) (°)	40	40
3dB beamwidth (v) (°)	65	65
Front to back ratio (dB)	18	18
Axial ratio (dB)	4	4
Vertical electrical tilt (°)	0	0

General Data

Nominal impedance	50 Ω
DC grounded	Yes
Polarisation	circular left
Connector	SMA, jack (female),
Pigtail	Length: 0.26 m
Min. bending radius static	15 mm
Composite power max.	6 W at ambient temperature 25 °C

Mechanical Data

Dimensions (mm)	480 x 312 x 15 (Height x Width x Depth)
Weight	1.2 kg
Type of pigtail cable:	RG-316 with outer diameter 2.6 mm Position of pigtail connection see outline drawing

Environmental Data

Environmental conditions	indoor
Operation temperature (°C)	-10 to 50
Storage temperature (°C)	-30 to 70
Flammability rating	UL 94-HB
RoHS 2002/95/EC	compliant
Lead-free soldered	yes
Humidity:	ETSI EN300-2-4 T4.1E (144 h, 95%)
Mechanical shock:	IEC 60721-3-4 / 4M3
Vibration:	IEC 60721-3-4 / 4M3 (30 min / axis)

Material Data

Radome colour	black
Radome material	Plastic

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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Related Documents

Mounting instruction

Painting instruction

Security instruction

Outline drawing1

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