

HUBER+SUHNER® DATA SHEET

Sencity® SPOT-S Antenna: 1356.17.0078



Rev.: X

SPA-5600/65/9/0/MIMO

Description

Sencity® SPOT-S directional WiFi-Antenna for MIMO standard
802.11 a/h/n, 3 ports
WLAN 5.6 GHz band
5.15 up to 5.935 GHz
For outdoor applications



Product Configuration

Technical Data

Electrical Data

	Band 1
Frequency (MHz)	5150 - 5935
VSWR	1.7
Gain	9 dBi
3dB beamwidth (h) (°)	65
3dB beamwidth (v) (°)	65
Vertical electrical tilt (°)	0
Isolation between port	20 dB

General Data

Nominal impedance	50 Ω
Connector	N, plug (male), bottom
Pigtail	Type: SUCOFORM_86_LSFH, Length: 0.9 m
Composite power max.	2 W at ambient temperature 25 °C
MIMO antenna polarization:	3 x linear: vertical / dual-slant ±45°
Electrical data (VSWR, gain and beam width) is derived from the vertical polarized radiator.	

Mechanical Data

Dimensions (mm)	101 x 80 x 35 (Height x Width x Depth)
Weight	0.27 kg
Windload	frontal: 15 N at 160 km/h
Wind speed	survival: 220km/h, operational: 160 km/h
Included mounting material	Wall mounting material
Radome material:	LEXAN EXL 9330

Environmental Data

Environmental conditions	outdoor
Operation temperature (°C)	-40 to 85
Operating conditions	ETSI EN 300 019-2-4 V2.2.2 (2003-04) T4.1E
Storage temperature (°C)	-40 to 85
Flammability rating	UL 94-V0
Solar radiation	UL 746C, F1
RoHS 2002/95/EC	compliant
Lead-free soldered	yes
Ingress protection:	IP66 and IP67 according to EN 60529
Vibration and mechanical shock:	IEC 61373, Kat. 2
Flammability rating antenna:	UL 94-V0 / RF cable pigtail: UL 1581

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)

Related Products

9091.99.0225 Down- / Sidetilt Bracket
9091.99.0238 Metal Down Tilt Bracket for Low Gain Antennas

Related Documents

Mounting instruction DOC-0000287053
Painting instruction DOC-0000256180
Security instruction DOC-0000278984
Outline drawing1 DOU-00143397

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