

# HUBER+SUHNER® DATA SHEET

## Sencity® SPOT-S Antenna: 1356.17.0078

Rev.: R



### SPA-5600/65/9/0/MIMO

#### Description

Sencity® SPOT-S Directional WiFi-Antenna for MIMO standard  
802.11 a/h and 802.11 n, 3 ports  
WLAN 5.6 GHz band  
5.15 up to 5.875 GHz  
For outdoor applications



#### Product Configuration

#### Technical Data

##### Electrical Data

	<b>Band 1</b>
Frequency (MHz)	5150 - 5875
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 with following polarization: 3 x linear: vertical / dual-slant ±45°  
Electrical data (VSWR, Gain and beam width) are defining the vertical polarized radiator of this MIMO antenna.

##### 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
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
IP rating	IP 67
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.



**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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### 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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**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](http://www.hubersuhner.com)

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